

Systems Interoperability Framework™ SIF Implementation Specification (Australia) 3.4.1

April 27, 2017



This version:

<http://specification.sifassociation.org/Implementation/AU/3.4.1/index.html>

Previous version:

<http://specification.sifassociation.org/Implementation/AU/3.4/>

Latest version:

<http://specification.sifassociation.org/Implementation/AU/>

Schemas

- SIF_Message (single file, non-annotated) (ZIP archive)
- SIF_Message (single file, annotated) (ZIP archive)
- SIF_Message (includes, non-annotated) (ZIP archive)
- SIF_Message (includes, annotated) (ZIP archive)
- DataModel (single file, non-annotated) (ZIP archive)
- DataModel (single file, annotated) (ZIP archive)
- DataModel (includes, non-annotated) (ZIP archive)
- DataModel (includes, annotated) (ZIP archive)

Note: SIF_Message schemas define every data object element as optional per SIF's Publish/Subscribe and SIF Request/Response Models; DataModel schemas maintain the cardinality of all data object elements.

Please refer to the [errata](#) for this document, which may include some normative corrections.

This document is also available in these non-normative formats: [ZIP archive](#), [PDF](#) (for printing as a single file), [Excel spreadsheet](#).

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1 Preamble

1.1 Abstract

1.1.1 What is SIF?

SIF is not a product, but a technical blueprint for enabling diverse applications to interact and share data related to entities in the pK-12 instructional and administrative environment. SIF is designed to:

- Facilitate data sharing and reporting between applications without incurring expensive customer development costs;
- Enhance product functionality efficiently; and
- Provide best-of-breed solutions to customers easily and seamlessly.

The SIF Implementation Specification defines common data formats and rules of interaction and architecture, and is made up of two parts:

- The *SIF Infrastructure* Implementation Specification which defines the rules of interaction and messages framework, and;
- The *SIF Data Model* Implementation Specification which is an XML-based data model that models entities in the learning environment as SIF Data Objects to be shared between applications; This document only describes the SIF Data Model for Australia.

SIF 3 Infrastructure defines:

- a secure REST-based transport protocol for defining both direct and brokered connections between software applications (which can act as REST servers or clients)
 - a set of services to enable interactions between REST servers and clients, including creating environments, other administrative task, synchronous exchanges of data, and asynchronous message queues
 - an abstract, platform-independent definition of the API between one software application and another or a broker.
- A *SIF Environment* is a distributed system that consists of one or more software applications with a SIF Adapter (a SIF-enabled application) sharing/reporting one or more SIF data objects over a network; it may also involve middleware (a message broker). A *SIF Implementation* consists of one or more SIF Environments deployed and configured to meet customer data sharing and reporting needs..
- The SIF Implementation Specification defines architecture requirements and communication protocols for software components and the interfaces between them; it makes no assumption of specific hardware or software products needed to develop SIF-enabled applications and/or middleware implementations, other than their ability to support technologies leveraged as the foundation for SIF, most prominently XML and HTTP(S) and including JSON and REST.

1.1.1.1 What is SIF (AU)?

SIF Implementation Specification (Australia) defines a set of data objects supporting the Australia's interoperability requirements for the education sector and combines this data model with established infrastructure protocols from the SIF Implementation Specification [SIF]. SIF Implementation Specification (Australia) 3.4 leverages the SIF architecture and refers to SIF Infrastructure Specifications greater than 3.0.1 [SIF 3.x] to support its data objects, with an Australia-specific namespace and the data objects defined in this specification. Technical readers should note that the version number internal to SIF XML messages identifies the version number of the SIF Data Model.

1.1.2 SIF Interoperability Framework Association

The Schools Interoperability Framework Association (SIF Association); known in Australia as; The Systems Interoperability Framework Association, is an industry initiative to enable interoperability and data sharing between software applications in the pK-12 instructional and administrative environment, and the forum for companies and educators to participate in the development of SIF specifications in the SIF Association's working groups and task forces. The SIF Association is designed to:

- Join industry leaders in creating the next-generation framework for education technology; and
- Leverage co-marketing opportunities with partners and distributors.

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Exit/Withdrawal Type
Federal Electorate
FFPOS Status Code
FTPT Status Code
Immunisation Certificate Status
Indigenous Status
Language Type
LearningStandardItem Relationship Types
Marital Status AIHW
Medium of Instruction
Name Usage Type
NAP Jurisdiction
NAP Participation Code
NAP Response Correctness
NAP Test Domain
NAP Test Item Marking Type
NAP Test Item Type
NAP Test Type
NAP Writing Genre
Non-School Education
Operational Status
Permanent Resident Status
Picture Source
PNP Code
Program Funding Source Code
Progress Level
Public School Catchment Status
Receiving Location Of Instruction
Relationship To Student
Resource Usage Content Type
Scheduled Activity Type
School Co-Ed Status
School Education Level Type
School Enrollment Type
School Focus Code
School Level
School Location
School Sector Code
School System
Session Type
Sex Code
Source Code Type
Staff Activity
Staff Status
Standard Australian Classification of Countries (SACC)
State Territory Code
Student/Family Program Type
Systemic Status
Teacher Cover Credit
Teacher Cover Supervision
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Visa Sub Class
Year Level Code
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2 Introduction

2.1 Specification Organization

With respect to the SIF Specification, educators and non-technical readers are typically interested in the pK-12 data objects that can be shared and reported on by SIF-enabled applications in SIF implementations. This document, the *SIF Data Model Implementation Specification*, contains a [Data Model](#) section in a format that should not be a barrier to readers with a some knowledge of [XML](#). More technical readers, including software architects, developers and integrators, will also be interested in the separate *SIF Infrastructure Implementation Specification* document.

-  The [Preamble](#) provides an abstract of SIF along with the SIF Association disclaimer and details regarding certification and compliance claims.
-  This Introduction outlines the organization of this specification document, provides conventions used in this document, and summarizes versioning of the specification. Highlights of additions/changes since the previous version of the specification are also provided.
-  The [Data Model](#) section provides definitions of the XML structure for common elements in the data model and all objects related to entities in the pK-12 environment. This section is organized by the working groups and task forces within the SIF Association that have defined common elements or objects.
-  The document concludes with various appendices including lists of code set values defined within SIF and in external documents, and ends with a list of [references](#) to other documents.

2.2 Document Conventions

2.2.1 Definitions

The first time a term or concept is defined, it may be *emphasized*.

2.2.2 Structure and Values

SIF message and object names, XML element tags, attribute names and values, and other codes or values are typically presented as in this sentence.

2.2.3 Examples

Longer examples of XML or HTTP messages are typically numbered and presented as given here.

Example 2.2.3-1: Examples Convention

2.2.4 References

References to other works occurring in this text are given in brackets, e.g. [\[REFERENCE\]](#). The text in brackets corresponds to a key in the [References](#) appendix. Often when the text in the brackets duplicates surrounding text, the reference alone is used (e.g. [\[XML\]](#) instead of XML [\[XML\]](#)).

2.2.5 Terminology

The key words **MUST**, **MUST NOT**, **REQUIRED**, **SHALL**, **SHALL NOT**, **SHOULD**, **SHOULD NOT**, **RECOMMENDED**, **MAY**, **OPTIONAL**, when **EMPHASIZED**, are to be interpreted as described in [\[RFC 2119\]](#).

2.2.6 XML Diagrams

Quick overviews of XML structures, including messages, objects, common elements and types, are provided in XML diagrams. The following diagram illustrates the conventions typically encountered in SIF.

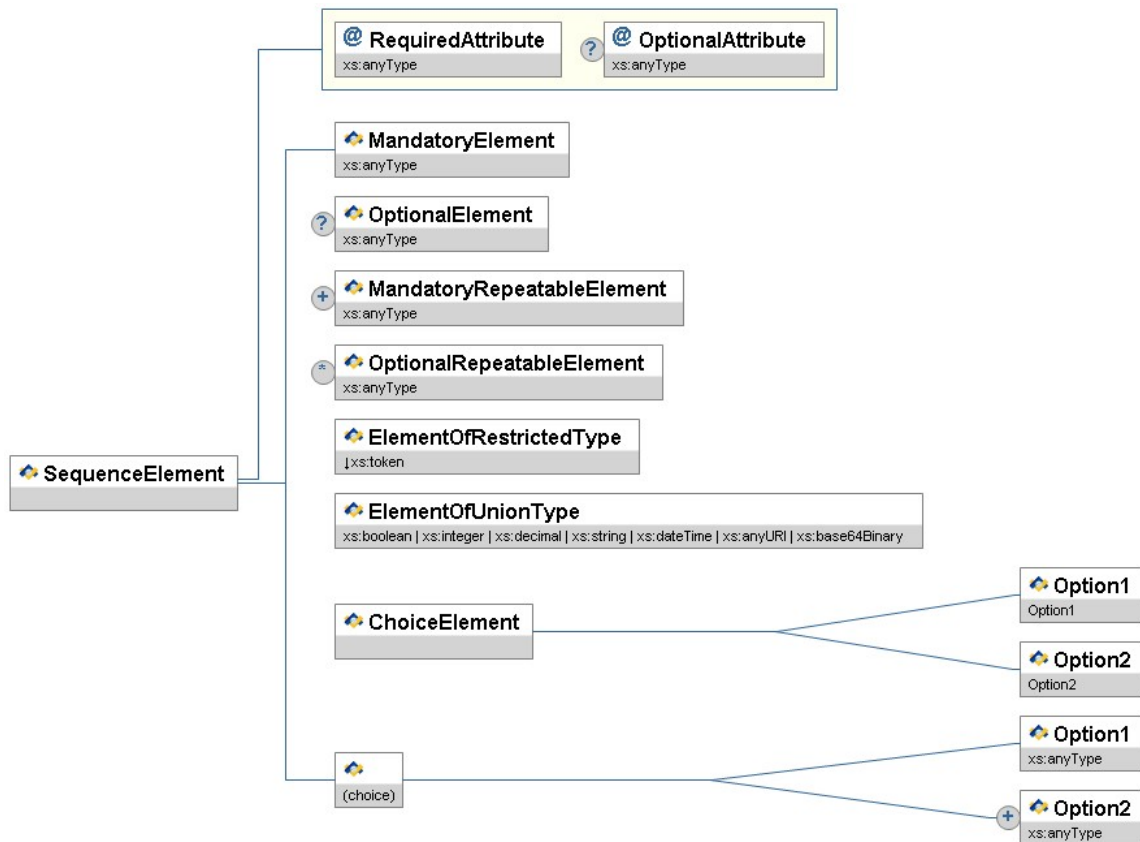


Figure 2.2.6-1: XML Diagram Conventions

XML elements are represented by rectangles with the name of the element in the upper portion and the type, if any, in the lower portion. Attributes are represented in the same fashion, but have an @ icon rather than a SIF icon. Elements and attributes that are optional have a circled ? (0 or 1 occurrence) to the left of the rectangle. Optional and mandatory repeatable elements are indicated by a circled + (0 or more occurrences) and + (1 or more occurrences), respectively. Element attributes are grouped together in a rectangular block and connected to the element with a line that turns at right angles. Ordered sequences of XML elements are bracketed by lines that turn at right angles. When a choice of XML elements is indicated, the elements are bracketed by angled lines. A choice of elements can occur within an element, or may be an unnamed choice of elements.

XML types are represented using the same conventions as for XML elements, though the type portion of the rectangle typically indicates a base type, if any.

The type name of any element, attribute or type may be prefixed with a †, indicating the type is restricted in some fashion by one or more XML Schema facets (e.g. enumeration). When the type is a union of types, a list of types is presented, each type separated by |; if the list of union types is long, the list may be marked with ellipses, e.g., | ...

In an actual XML diagram, element, type and attribute rectangles are usually linked to their corresponding definitions/descriptions in accompanying tables.

2.3 Version Numbers

The SIF Implementation Specification uses the following version numbering scheme:

major version.minor version.revision number

Major versions typically introduce additions/changes to the SIF infrastructure and/or data model changes that impact a significant percentage of SIF-enabled applications (e.g. making previously optional elements mandatory, removal of deprecated objects, elements or values). The first release of a major version has a minor version of 0 (2.0); major version numbers start at 1 and are incremented as major versions are released (1.0, 2.0, 3.0, ...).





Minor releases typically introduce new data objects, or optional additions to data objects, to the marketplace, and may include minor infrastructure additions/changes that do not impact existing SIF-enabled applications and that broker vendors and software framework providers have agreed to implement. The first minor version released subsequent to and within a major release has a minor version of 1 and is incremented as new minor versions are released (2.1, 2.2, ...). If a significant number of minor release features is introduced in a specification, the SIF Association may decide to increment the minor version number by more than 1 (e.g. 1.1 to 1.5), though a number like 1.5 is not an indication of being halfway to a major release, as minor version numbers may be incremented significantly past 10 (2.10, 2.11, ...) as data objects and other minor version features are released.











Corrections resulting from identified errata, as well as textual changes, may be incorporated into a revision release. These typically include minor corrections to messages or data objects, corrections of typographical errors, or corrected/expanded documentation. If major errors in any release are identified, a revision release may incorporate changes more typical of a major or minor release. First major and minor releases have a revision number of 0, which is omitted from the version number (2.0, not 2.0r0); subsequent revision numbers start at 1 and are incremented as new revisions are released (2.0r1, 2.0r2, ...).

2.4 Highlighted Additions/Changes

This release contains the following significant updates and extensions to the SIF specification.

Additions/Changes since 3.4 (October 19, 2016)

-  Attendance Code Additions requested by ICON project - a. 616, 617, 618.
-  Addition of NAP Reporting Objects for NAPLAN Results and Reporting DataSet.
-  TeachingGroup Student and Teacher Lists changes requested by NSW - a. Student/Teacher RefId's conditional with Student/Teacher LocalId's one or both can be provided.
-  TimeTableCell RoomInfoRefId made Optional - NSW request.

-  StudentAttendanceSummary Object - Correction made - RefId is now 'M'
-  Support for 'Other Territories' - OTH added to State Territory CodeSet
Correction made to description of HouseholdContact Local Id.
-  'Guardian' - 20 added to 'Relationship to Student' Code Set
-  Visa Sub Class Code Set updated
-  Code Set - Australian Standard Classification of Cultural and Ethnic Groups (ASCCEG) Updated
-  Code Set - Australian Standard Classification of Languages (ASCL) Updated
-  Code Set - Australian Standard Classification of Religious Groups (ASCRG) Updated
-  Code Set - Australian Standard Geographical Classification (ASGC) - documentation Updated
-  Code Set - Standard Australian Classification of Countries (SACC) Updated
-  StudentPeriodAttendance - Optional Link to ScheduledActivity added

3 Data Model

3.1 Introduction

This section presents the XML structure for SIF Data Model common elements and objects in a tabular format for readers less versed in parsing formal XML schema definitions, along with conventions that typically apply in the data model for easy reference.

3.1.1 Format

The Characteristic column for all of the tables in this section use the following codes:

Code	Characteristic
M	Mandatory element or attribute
O	Optional element or attribute
C	Conditional element or attribute
MR	Mandatory and repeatable element
OR	Optional and repeatable element
CR	Conditional and repeatable element

Mandatory elements **MUST** be present in Add events, and in non-empty and non-error responses to requests for entire SIF objects (e.g., no SIF_Query/SIF_QueryObject/SIF_Element elements supplied in the request). Mandatory attributes **MUST** always be present if their corresponding element is present.

SIF Adapters and message brokers **MUST** supply data according to the types specified in the Type columns and their corresponding equivalents in the most recent schema files associated with this specification. If there is a discrepancy between object and element definitions in this specification and the corresponding schema files, the definition in the schema files takes precedence; every effort will be made to note discrepancies in the [errata](#) for this document as they are identified.

3.1.2 Conventions

3.1.2.1 Object Attributes/Primary Keys

While XML attributes are primarily used in SIF to provide additional processing information regarding the associated element content, attributes at the root level of an object have special significance. These attributes serve as the primary key or identifier for the object; in all cases this is no more than a RefId GUID of RefIdType

3.1.2.2 Object References

As stated elsewhere, SIF primarily uses GUIDs as object identifiers, primary keys, or RefIds. References to primary keys (foreign key references) follow certain conventions in SIF in most objects:

- An element or attribute of type IdRefType can be defined that consists of the referenced object name concatenated with RefId, e.g., DataPersonRefId (a reference to the object identifier/primary key/RefId of a DataPerson object);
- An element requiring a more descriptive name for the reference or one that refers to more than one object type is defined as IdRefType, has an element name of a group's choosing (or generically SIF_RefId) and enumerates all possible object types that can be referenced in the SIF_RefObject attribute; or
- A pair of attributes can be defined, one of type IdRefType containing the referenced object's RefId, the other enumerating all possible object types that can be referenced; generically these are named SIF_RefId and SIF_RefObject, respectively; naming conventions that programmatically allow identification of the pair beyond the generic names will be documented when the need arises.

3.1.2.3 Lists/Repeatable Elements

To those accustomed with normalized relational databases, the SIF Data Model will appear to not be especially normalized, especially with regard to repeating groups of data not being separated into their own "tables," or in SIF's case, "objects" with primary/foreign keys to maintain the relationship. Bear in mind that SIF is not a format for storing data; it is a format for transmitting data *asynchronously* between *disparate* and *distributed* systems needing to share data for interoperability; the format this data takes in different systems can vary greatly, and the data related to any given "entity" may come from a variety of sources and systems. The goals of normalization—eliminating redundancy, organizing data efficiently, reducing inconsistencies, etc.—take on a different meaning in a message queuing system. Of primary importance is transmitting the data needed for interoperability in a minimum number of messages. The need to "join" together a great number of separate objects is kept to a minimum in SIF, as individual systems do not have access to all the data required and due to the asynchronous nature of SIF, any one of these systems may take a fair amount of time before returning data necessary for joins (SIF_ExtendedQuery has been developed to communicate a join to a single system that may have direct access to the all the data necessary to efficiently accomplish this task). It's one thing to make a separate request for a student's picture or enrollment information, another entirely to request every available phone number, address and e-mail address separately from the SIF Environment. As such, it is often the case in SIF that repeating data is stored directly in an object, rather than being separated out into a separate object.

Repeating data is very analogous to objects, though, within any given object. In SIF's Publish/Subscribe model, repeating elements in objects can be added to, changed in or deleted from an object, much like objects can be added to, changed in or deleted from a SIF Environment. Within an existing object, all of these actions take place within a change event, and repeating elements—if any exist initially—are first made available within an object in an Add event or can be obtained directly via requests. Repeatable elements are contained within a parent List element in most SIF objects whether or not they support events, e.g.:

```
<EmailList>
  <Email Type="01">contact@sifinfo.org</Email>
  <Email Type="02">info@sifinfo.org</Email>
</EmailList>
```

Example 3.1.2.3-1: EmailList

3.1.2.3.1 List

While a unique, primary key may still be identifiable in its child elements, a List is used primarily when:

- the list is a cohesive whole conceptually, where supporting or referring to a subset of the list is of little value;
- when the list consists only of keys, and no associated data;
- the list is informational/temporary state information and not typically persisted; or
- when no key exists to uniquely identify items in the list.

Lists are always transmitted as a cohesive unit consisting of the parent list container element and all child elements. If no child elements exist in the list, the list consists of the container element alone. Omission of an optional List in an Add event also implies no list items. In a change event, omission of the List indicates no changes have been made; otherwise the parent container element and all child elements, if any, are included. Systems storing List data should replace all corresponding data in their systems when persisting the list; likewise when a change is made to one or more list items or when all items in the list are deleted, systems should send the whole list in a change event.

```
<CountriesOfCitizenship>
  <CountryOfCitizenship>1101</CountryOfCitizenship>
  <CountryOfCitizenship>2304</CountryOfCitizenship>
</CountriesOfCitizenship>
```

Example 3.1.2.3.1-1: Indicating an updated list of country citizenships

A system that supports `CountriesOfCitizenship` updates its local data to reflect Australia and German citizenship.

3.1.2.4 Supported Optional Elements Without Values

Some agents follow the convention of supplying an optional element as empty (e.g. `<BirthDate></BirthDate>` or `<BirthDate/>`) to indicate that the application supports the element, but that it currently has no value available within a given object. To allow for this convention within SIF—as in this example an empty string does not satisfy the `xs:date` type definition of `BirthDate`—all optional elements in SIF are defined as `nilable` [SCHEMA]. To satisfy type constraints on an element while still supplying an empty or "nil" value, agents **MUST** tag the element with a `true` value for the `nil` attribute from namespace `http://www.w3.org/2001/XMLSchema-instance` [SCHEMA] (e.g. `<BirthDate xsi:nil="true"/>` where the prefix `xsi` has been mapped to the namespace `http://www.w3.org/2001/XMLSchema-instance`), unless an empty value is valid with regard to the element's type definition, in which case supplying the `nil` attribute value of `true` is optional. See [SIF and XML Namespaces](#) for more details on namespaces, and [SIF and XML Schema](#) for more details on SIF's use of XML Schema.

3.1.2.5 Externally-Defined XML

Note that XML not defined within SIF does not necessarily support ad hoc omission of XML elements at will to conform with the conventions of the SIF Publish/Subscribe Model (where unchanged elements are typically omitted in Change events, and where non-key elements are often omitted in Delete events) or of the SIF Request/Response Model (where a subset of elements can be retrieved from objects with requests). If externally-defined XML occurs within a SIF data object, SIF conventions do not extend to that XML unless that XML is defined to accommodate SIF conventions; the XML, when transmitted, must only conform to any external definitions dictating its structure, if any. Applications should be prepared for the possibility of receiving whole externally-defined XML structures in Change events (regardless of how little or much of the external XML has changed) and possibly also Delete events, likewise in responses even when a subset of the XML structure's child elements may have explicitly been requested.

3.3 SIF AU

The introduction for the SIF AU data model.

3.3.1 Activity

The work assigned to students, an educational event planned by a teacher to deliver a particular educational concept or skill.

SIF_Events are reported for this object.

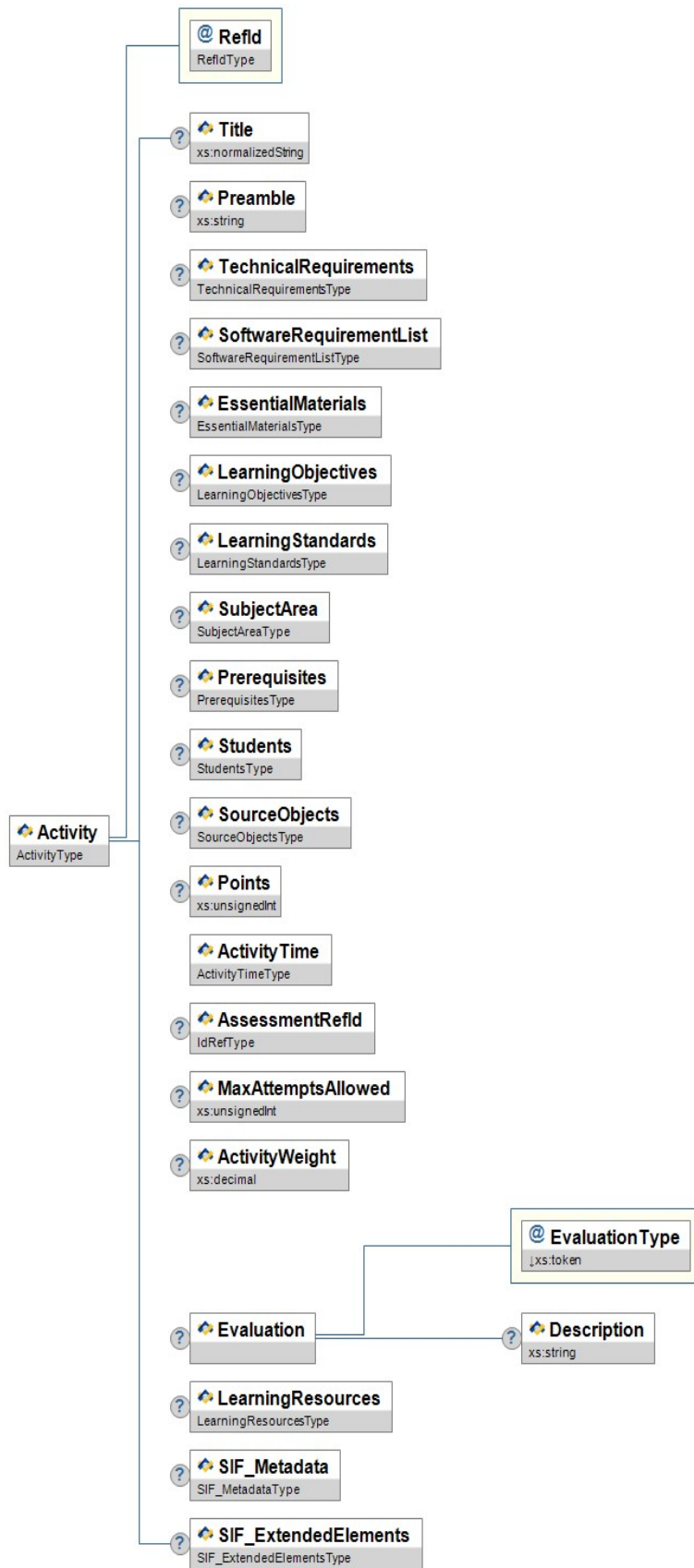


Figure 3.3.1-1: Activity

Element/@Attribute	Char	Description	Type
Activity		The work assigned to students, an educational event planned by a teacher to deliver a particular educational concept or skill.	
@ RefId	M		RefIdType

Element/@Attribute	Char	Description	Type
Title	O	Descriptive name of the activity.	xs:normalizedString
Preamble	O	Description and context for the activity.	xs:string
TechnicalRequirements	O	List of Operating system, network, and other technical requirements for the activity, if applicable.	TechnicalRequirementsType
SoftwareRequirementList	O	Contains information about required software.	SoftwareRequirementListType
EssentialMaterials	O	Essential materials required to engage in this activity.	EssentialMaterialsType
LearningObjectives	O	Educational objectives of the activity.	LearningObjectivesType
LearningStandards	O	Associated LearningStandardItemObjects.	LearningStandardsType
SubjectArea	O		SubjectAreaType
Prerequisites	O	Skills or competencies the student must have to engage in activity.	PrerequisitesType
Students	O	Links to any students or group or category of students that this activity is for.	StudentsType
SourceObjects	O	Source objects assigned to students.	SourceObjectsType
Points	O	Number of possible points for an activity.	xs:unsignedInt
ActivityTime	M	Time structures for the activity.	ActivityTimeType
AssessmentRefId	O	Link to the SIF Assessment object containing the evaluation information for this activity.	IdRefType
MaxAttemptsAllowed	O	How many tries allowed.	xs:unsignedInt
ActivityWeight	O	The percentage weight of the activity during the particular course or term.	xs:decimal
Evaluation	O	Field for non-numeric types of grading and evaluation such as "narrative."	
@ EvaluationType	M	A qualifier for what type of evaluation this is. Valid values are "Inline" and "RefId". Inline values are contained in the optional Description element, Reflds are contained in the AssessmentRefId element.	values: Inline RefId
Evaluation/Description	O	A free text description of the evaluation to be used for this activity	xs:string
LearningResources	O	Learning resources that support this activity.	LearningResourcesType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.1-1: Activity

```

<Activity RefId="C27E1FCF-C163-485F-BEF0-F36F18A0493A" xml:lang="en">
  <Title>Shakespeare Essay - Much Ado About Nothing</Title>
  <Preamble>This is a very funny comedy - students should have passing familiarity with Shakespeare</Preamble>
  <LearningStandards>
    <LearningStandardItemRefId>9DB15CEA-B2C5-4F66-94C3-7D0A0CAEDDA4</LearningStandardItemRefId>
  </LearningStandards>
  <SourceObjects>
    <SourceObject SIF_RefObject="Lesson">A71ADB03-D93D-A648-7166-E420D50EDABC</SourceObject>
  </SourceObjects>
  <Points>50</Points>
  <ActivityTime>
    <CreationDate>2002-06-15</CreationDate>
    <Duration Units="minute">30</Duration>
    <StartDate>2002-09-10</StartDate>
    <FinishDate>2002-09-12</FinishDate>
    <DueDate>2002-09-12</DueDate>
  </ActivityTime>
  <AssessmentRefId>03EDB29E-8116-B450-0435-FA87E42A0AD2</AssessmentRefId>
  <MaxAttemptsAllowed>3</MaxAttemptsAllowed>
  <ActivityWeight>5</ActivityWeight>
  <Evaluation EvaluationType="Inline">
    <Description>Students should be able to correctly identify all major characters.</Description>
  </Evaluation>
  <LearningResources>
    <LearningResourceRefId>B7337698-BF6D-B193-7F79-A07B87211B93</LearningResourceRefId>
  </LearningResources>
</Activity>

```

Example 3.3.1-1: Activity - Example 1

```

<Activity RefId="C27E1FCF-C163-485F-BEF0-F36F18A0493A" xml:lang="en">
  <Title>Shakespeare Essay - Much Ado About Nothing</Title>
  <Preamble>This is a very funny comedy - students should have passing familiarity with Shakespeare</Preamble>
  <SoftwareRequirementList>
    <SoftwareRequirement>
      <SoftwareTitle>Flash Player</SoftwareTitle>
      <Version>9.0</Version>
      <Vendor>Adobe</Vendor>
    </SoftwareRequirement>
    <SoftwareRequirement>
      <SoftwareTitle>Python</SoftwareTitle>
      <Version>3.0</Version>
      <OS>Linux</OS>
    </SoftwareRequirement>
  </SoftwareRequirementList>
  <LearningStandards>
    <LearningStandardItemRefId>9DB15CEA-B2C5-4F66-94C3-7D0A0CAEDDA4</LearningStandardItemRefId>
  </LearningStandards>
  <SourceObjects>
    <SourceObject SIF_RefObject="Lesson">A71ADB03-D93D-A648-7166-E420D50EDABC</SourceObject>
  </SourceObjects>
  <Points>50</Points>
  <ActivityTime>
    <CreationDate>2002-06-15</CreationDate>
    <Duration Units="minute">30</Duration>
    <StartDate>2002-09-10</StartDate>
    <FinishDate>2002-09-12</FinishDate>
    <DueDate>2002-09-12</DueDate>
  </ActivityTime>
  <AssessmentRefId>03EDB29E-8116-B450-0435-FA87E42A0AD2</AssessmentRefId>
  <MaxAttemptsAllowed>3</MaxAttemptsAllowed>
  <ActivityWeight>5</ActivityWeight>
  <Evaluation EvaluationType="Inline">
    <Description>Students should be able to correctly identify all major characters.</Description>
  </Evaluation>
  <LearningResources>
    <LearningResourceRefId>B7337698-BF6D-B193-7F79-A07B87211B93</LearningResourceRefId>
  </LearningResources>
</Activity>

```

Example 3.3.1-2: Activity - Example 2

3.3.2 AggregateCharacteristicInfo

This object defines the attribute of a group of objects that implicitly or explicitly defines a subset of the group for statistical purposes.

SIF_Events are reported for this object.

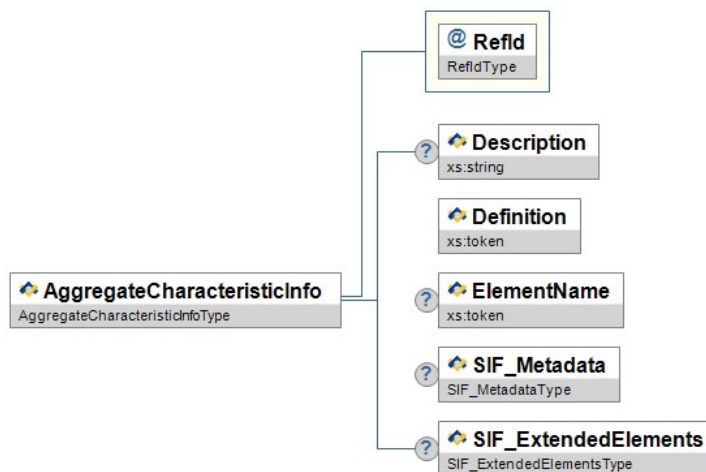


Figure 3.3.2-1: AggregateCharacteristicInfo

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
AggregateCharacteristicInfo		This object defines the attribute of a group of objects that implicitly or explicitly defines a subset of the group for statistical purposes.	
@ RefId	M	Key for aggregate characteristic information.	RefIdType
Description	O	Describes the supercategory of the characteristic described in the definition element below. Examples Sex CulturalBackground YearLevel IndigenousStatus	xs:string
Definition	M	Defines the aggregate characteristic information. Examples LBOTE Male	xs:token
ElementName	O	Reference to SIF elements or external authority (e.g., StudentPersonal/PersonInfo/Demographics/Sex). Examples Dropout Status	xs:token
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.2-1: AggregateCharacteristicInfo

```
<AggregateCharacteristicInfo RefId="06AF1D69-FB06-4AB3-8898-3505714F18FB">
  <Description>Sex</Description>
  <ElementName>StudentPersonal/PersonInfo/Demographics/Sex</ElementName>
</AggregateCharacteristicInfo>
```

Example 3.3.2-1: AggregateCharacteristicInfo

3.3.3 AggregateStatisticFact

This object is the actual value of a statistical measurement. It is always associated with one statistic and one or more characteristics.

SIF_Events are reported for this object.

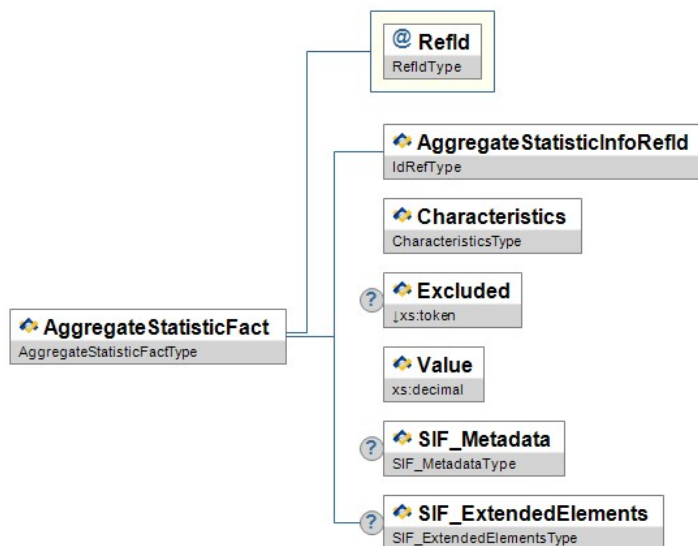


Figure 3.3.3-1: AggregateStatisticFact

Element/@Attribute	Char	Description	Type
AggregateStatisticFact		This object is the actual value of a statistical measurement. It is always associated with one statistic and one or more characteristics.	
@ RefId	M		RefIdType
AggregateStatisticInfoRefId	M	Reference to statistic defined by AggregateStatisticInfo.	IdRefType
Characteristics	M	Reference to one or more AggregateCharacteristicInfo objects.	CharacteristicsType

Element/@Attribute	Char	Description	Type
Excluded	O		values: Yes No
Value	M	Value of the fact.	xs:decimal
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.3-1: AggregateStatisticFact

```

<AggregateStatisticFact RefId="3A4E2822-C696-433B-812B-49DEAF557E41">
  <AggregateStatisticInfoRefId>91A4209F-7F4F-4F4B-9DC8-D21CEFD1DC2F</AggregateStatisticInfoRefId>
  <Characteristics>
    <AggregateCharacteristicInfoRefId>0B972D86-44EE-4D79-94F5-FF1C3131772D</AggregateCharacteristicInfoRefId>
  </Characteristics>
  <Excluded>No</Excluded>
  <Value>27</Value>
</AggregateStatisticFact>

```

Example 3.3.3-1: AggregateStatisticFact

3.3.4 AggregateStatisticInfo

This object defines the data that is being aggregated as well as the type of measurement that is being performed.

SIF_Events are reported for this object.

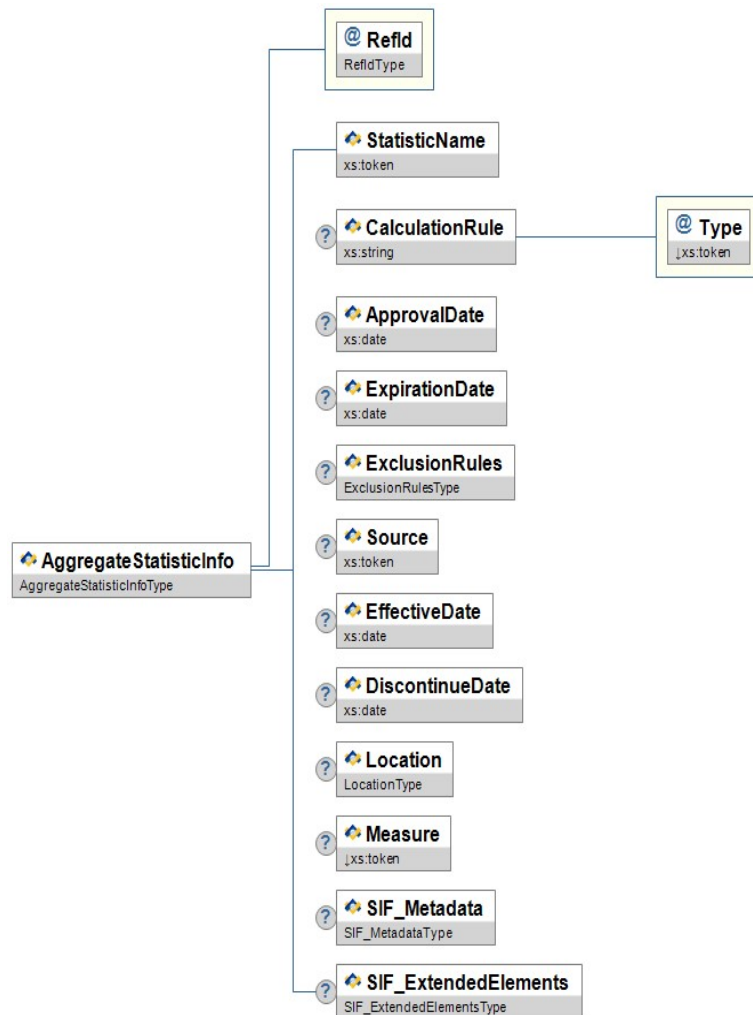


Figure 3.3.4-1: AggregateStatisticInfo

Element/@Attribute	Char	Description	Type
AggregateStatisticInfo		This object defines the data that is being aggregated as well as the type of measurement that is being performed.	

Element/@Attribute	Char	Description	Type
@ Key	M	Key	RefIdType
StatisticName	M	Name of Aggregate Statistic Examples Total Enrollment Diploma Recipients	xs:token
CalculationRule	O	Rule for calculating the aggregate statistic	xs:string
@ Type	M		values: Description Formula URL Other
ApprovalDate	O	Date for which the statistic is initially valid	xs:date
ExpirationDate	O	Date after which the statistic is no longer valid	xs:date
ExclusionRules	O	Rules for which statistic may not be reported.	ExclusionRulesType
Source	O	System providing the data: i.e., SIS, Transportation,	xs:token
EffectiveDate	O	Effective date of the statistic	xs:date
DiscontinueDate	O	Discontinue date of the statistic	xs:date
Location	O	Location where the activity takes place.	LocationType
Measure	O	Type of the statistic.	values: Count Minimum Maximum Percent Mean Median Mode Sum StandardDeviation UnduplicatedCount FTE Other
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.4-1: AggregateStatisticInfo

```

<AggregateStatisticInfo RefId="A5DEC8D3-1618-4F5D-9F46-EBA64C87B002">
  <StatisticName>Read Proficiency L1</StatisticName>
  <CalculationRule Type="Description">Number of students scoring at Reading Proficiency Level 1</CalculationRule>
  <ApprovalDate>2002-09-01</ApprovalDate>
  <ExpirationDate>2006-06-30</ExpirationDate>
  <ExclusionRules>
    <ExclusionRule Type="SampleSize">N less than 10</ExclusionRule>
  </ExclusionRules>
  <Source>SIS</Source>
  <Location Type="School">
    <LocationName>Green River High School</LocationName>
    <LocationRefId SIF_RefObject="SchoolInfo">279BCEE5-515E-4C1A-AC3A-765D1F069BC3</LocationRefId>
  </Location>
  <Measure>Count</Measure>
</AggregateStatisticInfo>

```

Example 3.3.4-1: AggregateStatisticInfo

3.3.5 CalendarDate

This object defines information related to a school calendar day in a given school calendar year. If both CalendarDate and CalendarSummary objects are supported, there must be an instance of this object for each date between CalendarSummary StartDate and EndDate, inclusive.

SIF_Events are reported for this object.

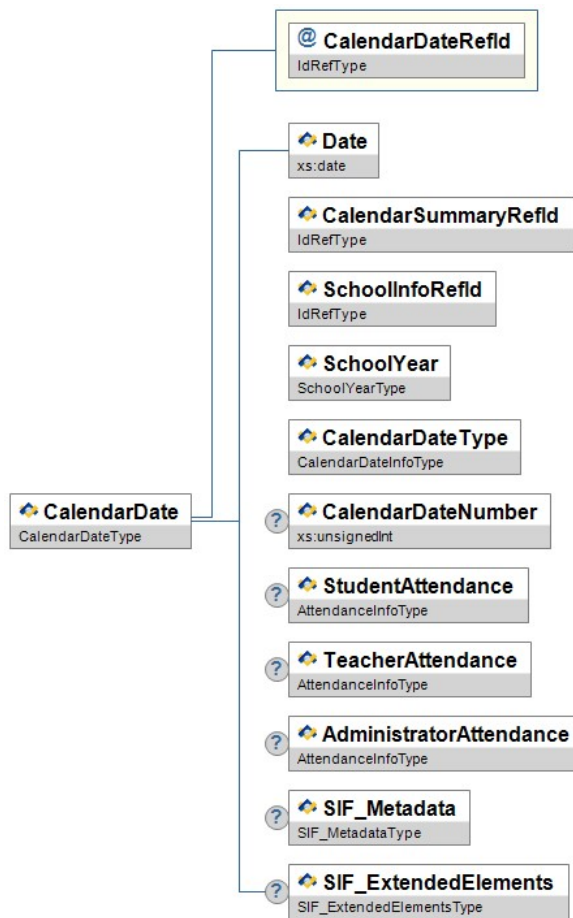


Figure 3.3.5-1: CalendarDate

Element/@Attribute	Char	Description	Type
CalendarDate		This object defines information related to a school calendar day in a given school calendar year. If both CalendarDate and CalendarSummary objects are supported, there must be an instance of this object for each date between CalendarSummary StartDate and EndDate, inclusive.	
@CalendarDateRefId	M	An ID (GUID) for this day date of the calendar information that is being reported. This GUID would be used to form a REST URL.	IdRefType
Date	M	A specific school day that occurs within the school year.	xs:date
CalendarSummaryRefId	M	The ID (GUID) of the calendar summary in which this calendar date is.	IdRefType
SchoolInfoRefId	M	The ID (GUID) of the school for which this calendar information is being reported.	IdRefType
SchoolYear	M	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2009").	SchoolYearType
CalendarDateType	M	Calendar date type information.	CalendarDateInfoType
CalendarDateNumber	O	Order in which the calendar date falls within the school calendar.	xs:unsignedInt
StudentAttendance	O	Information describing how the day relates to student attendance.	AttendanceInfoType
TeacherAttendance	O	Information describing how the day relates to teacher attendance.	AttendanceInfoType

Element/@Attribute	Char	Description	Type
AdministratorAttendance	O	Information describing how the day relates to administrator attendance.	AttendanceInfoType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.5-1: CalendarDate

```

<CalendarDate CalendarDateRefId="85739375-800A-C4CC-6385-0BB2754114AA">
  <Date>2007-08-31</Date>
  <CalendarSummaryRefId>A8A34E56-1C97-345C-0A4E-118B113C2753</CalendarSummaryRefId>
  <SchoolInfoRefId>B7A34E56-1C97-345C-0A4E-118B112B2753</SchoolInfoRefId>
  <SchoolYear>2007</SchoolYear>
  <CalendarDateType>
    <Code>INST</Code>
  </CalendarDateType>
  <StudentAttendance>
    <CountsTowardAttendance>Yes</CountsTowardAttendance>
    <AttendanceValue>1.0</AttendanceValue>
  </StudentAttendance>
  <TeacherAttendance>
    <CountsTowardAttendance>Yes</CountsTowardAttendance>
    <AttendanceValue>1.0</AttendanceValue>
  </TeacherAttendance>
</CalendarDate>

```

Example 3.3.5-1: CalendarDate

3.3.6 CalendarSummary

This object provides a summary of a school's calendar information for a given school year. A school may have more than one calendar per school year (e.g., one calendar for Kindergarten students, one for special education students, one for seniors, or one for each calendar track), and each may have different days in session, start and end dates, minutes per day, instructional minutes, etc.

SIF_Events are reported for this object.

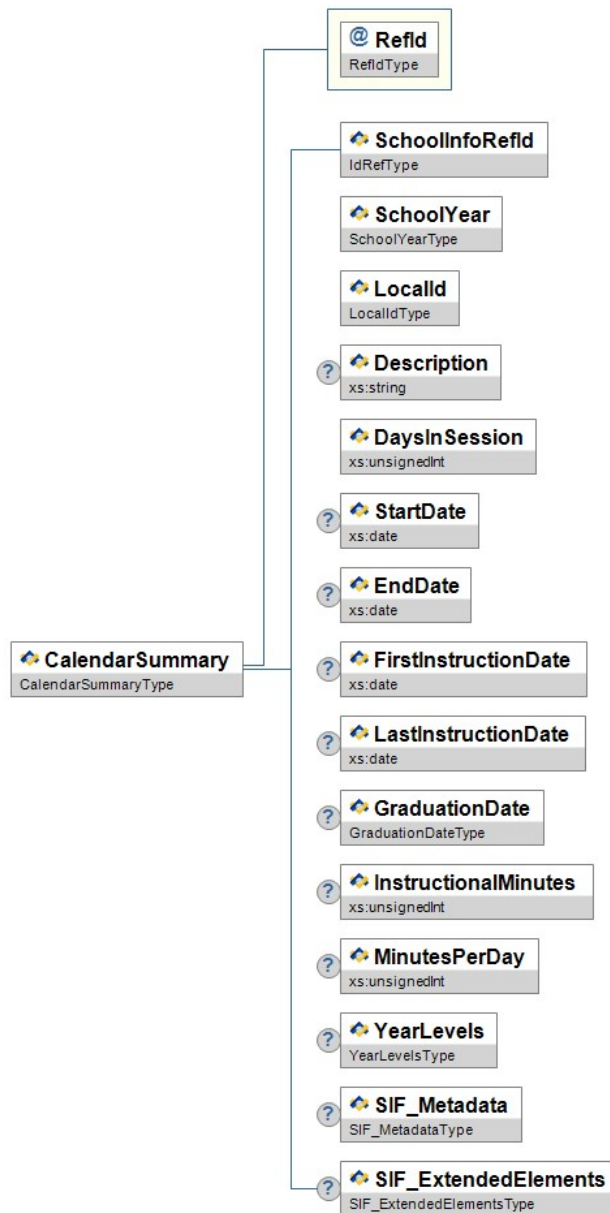


Figure 3.3.6-1: CalendarSummary

Element/@Attribute	Char	Description	Type
CalendarSummary		This object provides a summary of a school's calendar information for a given school year. A school may have more than one calendar per school year (e.g., one calendar for Kindergarten students, one for special education students, one for seniors, or one for each calendar track), and each may have different days in session, start and end dates, minutes per day, instructional minutes, etc.	
@ RefId Key	M	The ID (GUID) of the calendar to which this information relates.	RefIdType
SchoolInfoRefId	M	The ID (GUID) of the school for which this calendar information is being reported.	IdRefType
SchoolYear	M	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2007").	SchoolYearType
LocalId	M	The locally assigned identifier for this calendar.	LocalIdType
Description	O	Textual description of the school calendar.	xs:string

Element/@Attribute	Char	Description	Type
DaysInSession	M	The total number of days that the school was or is anticipated to be in session during the school year. Also included are days on which the education institution facility is closed and the student body as a whole is engaged in planned activities off-campus under the guidance and direction of staff members.	xs:unsignedInt
StartDate	O	The first calendar date, whether or not instruction was provided. If both CalendarSummary and CalendarDate objects are supported, StartDate must be the date of the first chronological instance of CalendarDate for the school's calendar.	xs:date
EndDate	O	The last calendar date, whether or not instruction was provided. If both CalendarSummary and CalendarDate objects are supported, EndDate must be the last chronological instance of CalendarDate for the school's calendar.	xs:date
FirstInstructionDate	O	The first day of student instruction.	xs:date
LastInstructionDate	O	The last day of student instruction (including days or times that students are present for purposes of testing and/or evaluation, but not including whole or part-days whose sole purposes is for distribution of report cards).	xs:date
GraduationDate	O	Date of graduation ceremony.	GraduationDateType
InstructionalMinutes	O	The total number of instructional minutes for this calendar for the school year.	xs:unsignedInt
MinutesPerDay	O	The number of minutes in the day in which the school is normally in session.	xs:unsignedInt
YearLevels	O	Collection of year levels applicable to this school calendar.	YearLevelsType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.6-1: CalendarSummary

<pre> <CalendarSummary RefId="B5739375-800A-C4CC-6385-0BB2754114AA"> <SchoolInfoRefId>B7A34E56-1C97-345C-0A4E-11BB112B2753</SchoolInfoRefId> <SchoolYear>2005</SchoolYear> <LocalId>123321A</LocalId> <Description>Elementary School Calendar</Description> <DaysInSession>180</DaysInSession> <StartDate>2009-01-01</StartDate> <EndDate>2009-12-31</EndDate> <FirstInstructionDate>2009-01-02</FirstInstructionDate> <LastInstructionDate>2009-12-20</LastInstructionDate> <GraduationDate>2009-12-10</GraduationDate> <InstructionalMinutes>64800</InstructionalMinutes> <MinutesPerDay>360</MinutesPerDay> <YearLevels> <YearLevel> <Code>10</Code> </YearLevel> <YearLevel> <Code>11</Code> </YearLevel> <YearLevel> <Code>12</Code> </YearLevel> </YearLevels> </CalendarSummary> </pre>
--

Example 3.3.6-1: CalendarSummary

3.3.7 ChargedLocationInfo

ChargedLocationInfo represents a location in a school system. It can be used to associate accounts and purchase orders with particular schools or other cost centres.

SIF_Events are reported for this object.

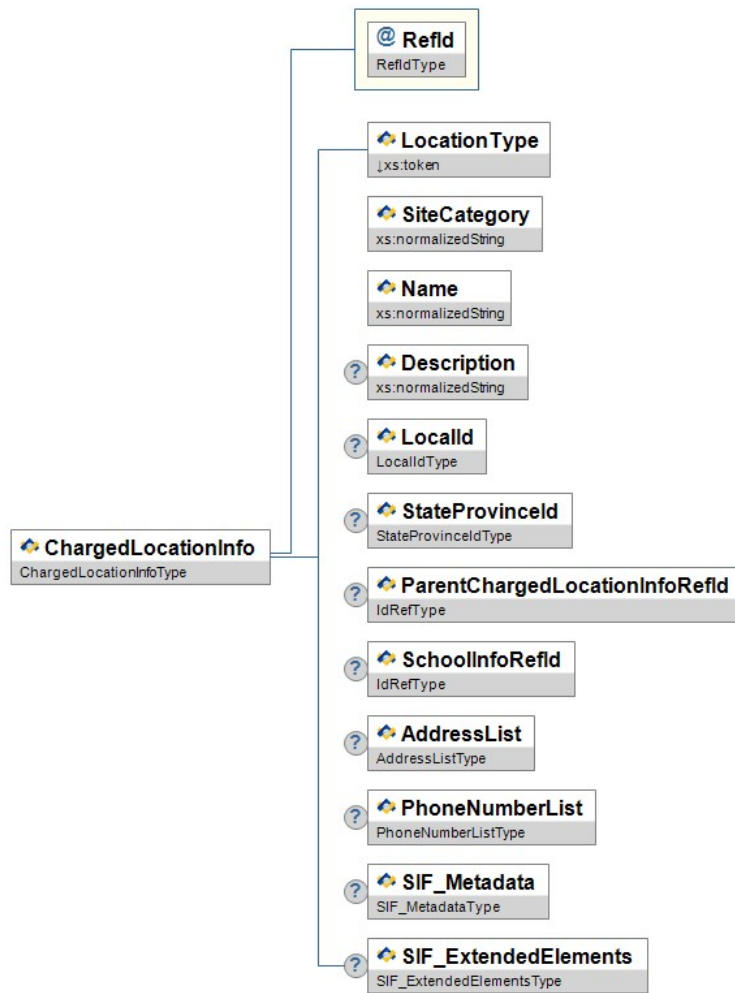


Figure 3.3.7-1: ChargedLocationInfo

Element/@Attribute	Char	Description	Type
ChargedLocationInfo		ChargedLocationInfo represents a location in a school system. It can be used to associate accounts and purchase orders with particular schools or other cost centres.	
@ RefId	M	The SIF unique identifier for the location.	RefIdType
LocationType	M	Defines whether the location is a school or a non-school location.	values: School NonSchool
SiteCategory	M	Specific site category. Examples Prep Site Satellite Central Kitchen Warehouse Storage Central Office Other	xs:normalizedString
Name	M	Text name of the location.	xs:normalizedString
Description	O	Description about the location.	xs:normalizedString
LocalId	O	The locally-assigned identifier for this location.	LocalIdType
StateProvinceId	O	The state-assigned identifier for this location.	StateProvinceIdType

Element/@Attribute	Char	Description	Type
ParentChargedLocationInfoRefId	O	A ChargedLocationInfo instance could be related to another ChargedLocationInfo. This element will help create that relation.	IdRefType
SchoolInfoRefId	O	The RefId of a corresponding SchoolInfo object.	IdRefType
AddressList	O	This element has the ChargedLocationInfo address information.	AddressListType
PhoneNumberList	O	The location's phone numbers.	PhoneNumberListType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.7-1: ChargedLocationInfo

```
<ChargedLocationInfo RefId="D3E34835-9D75-101A-8C3D-00AA001A1652">
  <LocationType>School</LocationType>
  <SiteCategory>Other</SiteCategory>
  <Name>Lincoln High School</Name>
  <LocalId>2343LHS</LocalId>
</ChargedLocationInfo>
```

Example 3.3.7-1: ChargedLocation

3.3.8 Debtor

This object is used to capture general information about debtors.

SIF_Events are reported for this object.

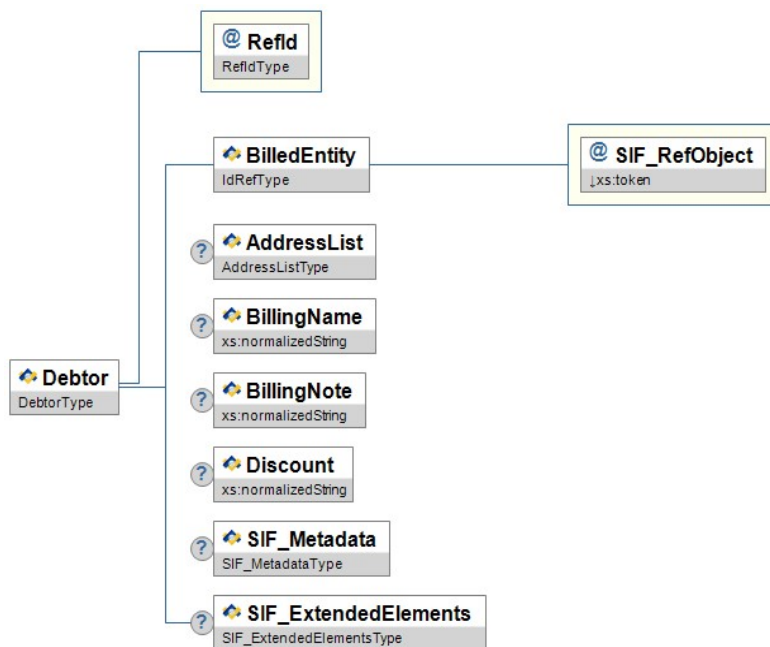


Figure 3.3.8-1: Debtor

Element/@Attribute	Char	Description	Type
Debtor		This object is used to capture general information about debtors.	
@ RefId	M	Debtor Id.	RefIdType
BilledEntity	M	Id of the entity referred to by this object (e.g., student, employee, organization).	IdRefType
@ SIF_RefObject	M	SIF object referenced by BilledEntity.	values: StudentPersonal StudentContactPersonal StaffPersonal VendorInfo

Element/@Attribute	Char	Description	Type
AddressList	O	Addresses of the debtor to be used for billing. These addresses override any addresses found in the Billed Entity.	AddressList
BillingName	O	Name of the entity to be used for billing (e.g. company name rather than individual name).	xs:normalizedString
BillingNote	O	Note about billing requirements.	xs:normalizedString
Discount	O	Any discount amount applicable to this debtor (e.g. family discount for scholarship, number of children enrolled). Is a percentage.	xs:normalizedString
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.8-1: Debtor

<pre> <Debtor RefId="B5739375-800A-C4CC-6385-0BB2754114AA"> <BilledEntity SIF_RefObject="StudentContactPersonal">8B231144-301C-4D3B-95D4-88B74C866AE1</BilledEntity> <AddressList> <Address Type="0123" Role="2382"> <Street> <Line1>23 E. 43rd St.</Line1> </Street> <City>Chicago</City> <StateProvince>IL</StateProvince> <Country>8104</Country> <PostalCode>60611</PostalCode> </Address> </AddressList> <BillingName>Flintstone Family Trust</BillingName> <BillingNote>Do not invoice under parent's real name.</BillingNote> <Discount>10.0</Discount> </Debtor> </pre>

Example 3.3.8-1: Debtor

3.3.9 EquipmentInfo

This object represents any resource object that is not already described in SIF AU by an existing object (such as RoomInfo or LearningResource). It is intended for use with ResourceBooking, so it can represent any bookable resource; but it is not limited to that usage. While the obvious type of equipment described for booking purposes are things like computers and projectors, the types of equipment that can be booked depends on the educational organisation, and can easily extend to things like vehicles or animals.

SIF_Events are reported for this object.

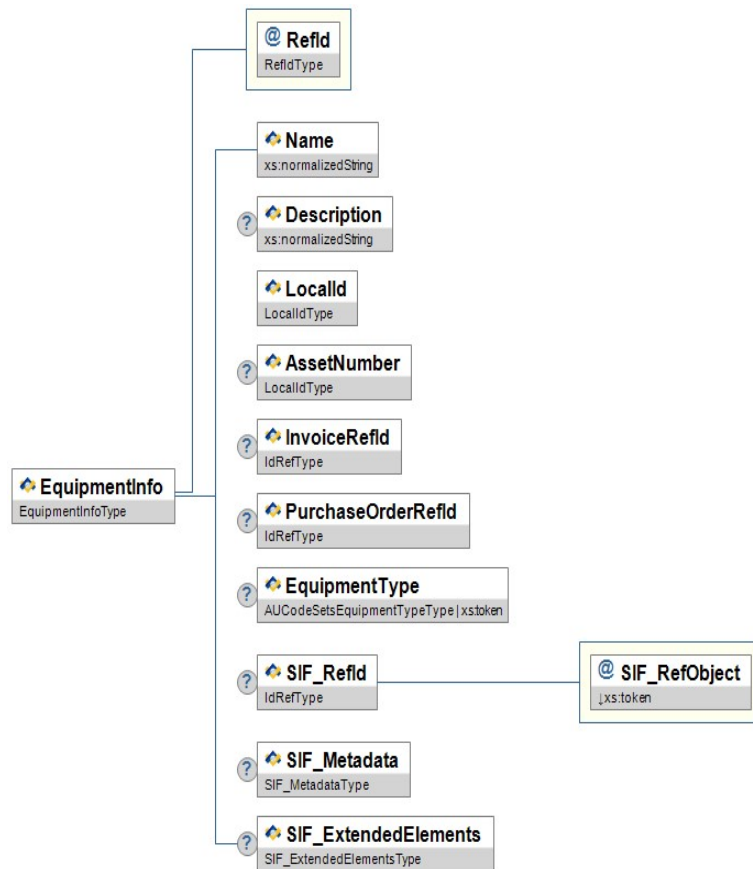


Figure 3.3.9-1: EquipmentInfo

Element/@Attribute	Char	Description	Type
EquipmentInfo		This object represents any resource object that is not already described in SIF AU by an existing object (such as RoomInfo or LearningResource). It is intended for use with ResourceBooking, so it can represent any bookable resource; but it is not limited to that usage. While the obvious type of equipment described for booking purposes are things like computers and projectors, the types of equipment that can be booked depends on the educational organisation, and can easily extend to things like vehicles or animals.	
@ RefId	M	The GUID of the Object	RefIdType
Name	M	Name of the equipment.	xs:normalizedString
Description	O	Description of the equipment.	xs:normalizedString
LocalId	M	The Local Id of the equipment.	LocalIdType
AssetNumber	O	Asset number of the equipment; may be distinct from Local Id.	LocalIdType
InvoiceRefId	O	The SIF RefId of the invoice for the equipment.	IdRefType
PurchaseOrderRefId	O	The SIF RefId of the purchase order for the equipment.	IdRefType
EquipmentType	O	Type of equipment.	union of: AUCodeSetsEquipmentTypeType xs:token
SIF_RefId	O	The SIF RefId of the owner/location of the equipment.	IdRefType
@ SIF_RefObject	M	The type of SIF object that the SIF_RefId element identifies.	values: SchoolInfo RoomInfo LEAInfo other

Element/@Attribute	Char	Description	Type
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.9-1: EquipmentInfo

```
<EquipmentInfo RefId="85739375-800A-C4CC-6385-08B2754114AA">
  <Name>Overhead Projector 3</Name>
  <LocalId>OHP3</LocalId>
  <EquipmentType>OverheadProjector</EquipmentType>
  <SIF_RefId SIF_RefObject="SchoolInfo">B7A34E56-1C97-345C-0A4E-118B112B2753</SIF_RefId>
</EquipmentInfo>
```

Example 3.3.9-1: EquipmentInfo Example

3.3.10 FinancialAccount

This object communicates information about a financial account.

SIF_Events are reported for this object.

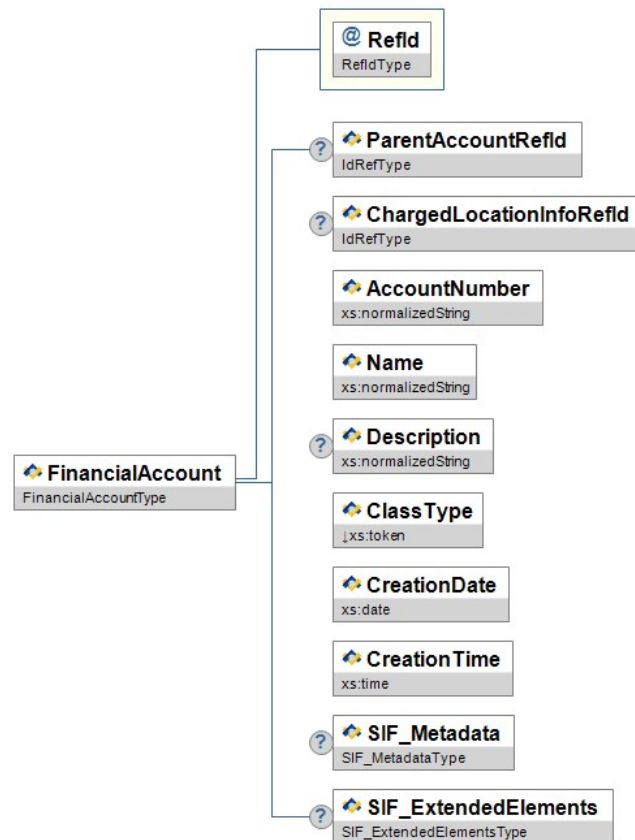


Figure 3.3.10-1: FinancialAccount

Element/@Attribute	Char	Description	Type
FinancialAccount		This object communicates information about a financial account.	
@ RefId	M	GUID that identifies this financial account.	RefIdType
ParentAccountRefId	O	Identifier of a parent account of the account. Can be used to construct a hierarchical tree of nesting accounts, e.g. "Revenue" -- "Revenue-Grant" -- "Revenue-Grant-Commonwealth".	IdRefType
ChargedLocationInfoRefId	O	Location associated with the account".	IdRefType
AccountNumber	M	Account number used for ledger.	xs:normalizedString
Name	M	Name of the account.	xs:normalizedString

Element/@Attribute	Char	Description	Type
Description	O	Description of the account.	xs:normalizedString
ClassType	M	The class of the account	values: Asset Liability Revenue Expense
CreationDate	M	Account creation date.	xs:date
CreationTime	M	Account creation time.	xs:time
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.10-1: FinancialAccount

```
<FinancialAccount RefId="EEC8FC12-8D2C-4EE3-94A8-6C5395024EDE">
  <AccountNumber>9990001</AccountNumber>
  <Name>Purchased Foods</Name>
  <Description>Purchased Foods</Description>
  <ClassType>Asset</ClassType>
  <CreationDate>2003-01-01</CreationDate>
  <CreationTime>04:32:23-08:00</CreationTime>
</FinancialAccount>
```

Example 3.3.10-1: FinancialAccount

3.3.11 GradingAssignment

This object provides information about a particular assignment, allows applications to synchronize each other's assignment tables, gathers the definition for a GradingAssignmentScore object, etc.

SIF_Events are reported for this object.

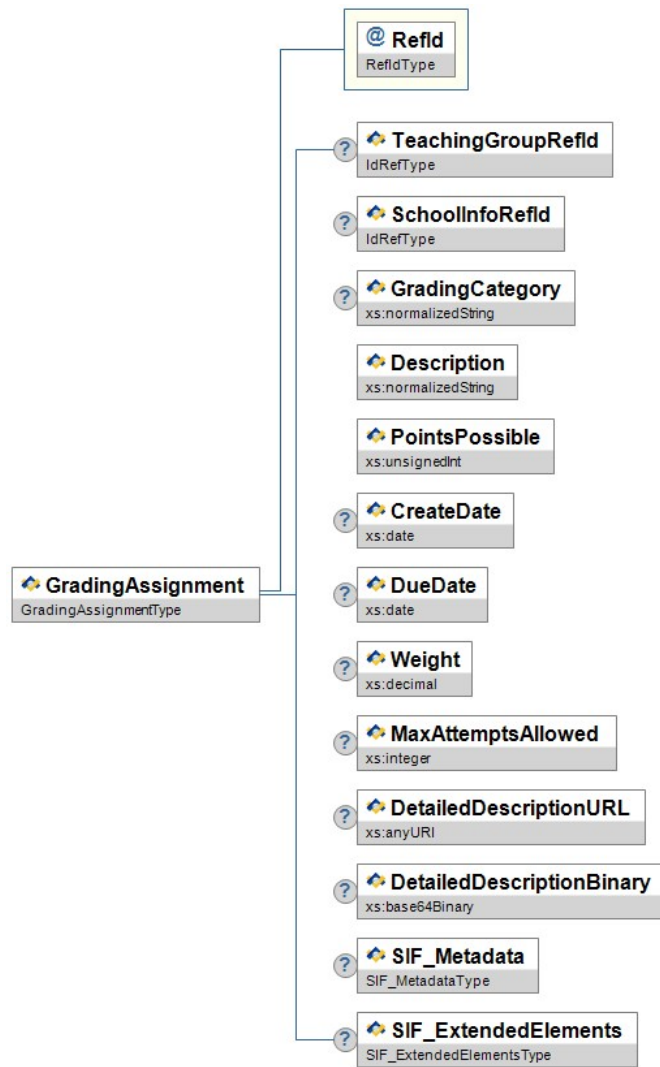


Figure 3.3.11-1: GradingAssignment

Element/@Attribute	Char	Description	Type
GradingAssignment		This object provides information about a particular assignment, allows applications to synchronize each other's assignment tables, gathers the definition for a GradingAssignmentScore object, etc.	
@ RefId	M	A GUID that identifies an instance of this object.	RefIdType
TeachingGroupRefId	O	The GUID for the TeachingGroup object in which this assignment has been set.	IdRefType
SchoolInfoRefId	O	The Id (GUID) that uniquely identifies the School in which this assignment has been set.	IdRefType
GradingCategory	O	A particular grading category for the assignment, used to provide grouping and type information.	xs:normalizedString
Description	M	The text-based description of the assignment.	xs:normalizedString
PointsPossible	M	The points possible on the assignment.	xs:unsignedInt
CreateDate	O	Creation date of the assignment.	xs:date
DueDate	O	Date the assignment is due.	xs:date

Element/@Attribute	Char	Description	Type
Weight	O	The weight of the assignment.	xs:decimal
MaxAttemptsAllowed	O	How many attempts the student is allowed on the assignment (applicable particularly to online activities).	xs:integer
DetailedDescriptionURL	O	The location of the document that describes the assignment. If Type is PDF, this element will contain the Base64 encoding of the entire document. Preferred against DetailedDescriptionBinary for online assessment.	xs:anyURI
DetailedDescriptionBinary	O	The Base64 encoding of a document (e.g. PDF) describing the assignment.	xs:base64Binary
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.11-1: GradingAssignment

```

<GradingAssignment RefId="359D7510-1AD0-A9D7-A8C3-DAD0A85103A2">
  <TeachingGroupRefId>D0A0A27A-D0A8-510A-D9D7-5181A8C3DA39</TeachingGroupRefId>
  <SchoolInfoRefId>11737EA4-301C-ADCA-75C8-7214A7C468DB</SchoolInfoRefId>
  <GradingCategory>Classroom Test</GradingCategory>
  <Description>Pop Quiz</Description>
  <PointsPossible>100</PointsPossible>
  <CreateDate>2000-11-21</CreateDate>
  <DueDate>2000-11-25</DueDate>
  <Weight>1.0</Weight>
  <DetailedDescriptionURL>http://www.assignmentinfo.com/assignment1.pdf</DetailedDescriptionURL>
</GradingAssignment>

```

Example 3.3.11-1: GradingAssignment

3.3.12 GradingAssignmentScore

This object provides score information about a particular assignment.

SIF_Events are reported for this object.

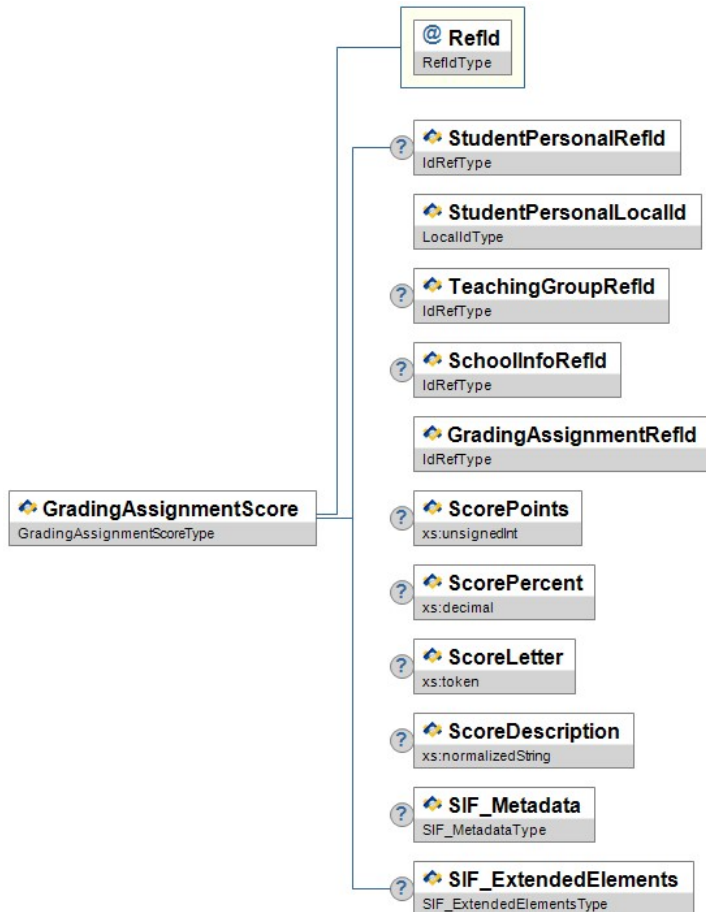


Figure 3.3.12-1: GradingAssignmentScore

Element/@Attribute	Char	Description	Type
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Element/@Attribute	Char	Description	Type
GradingAssignmentScore		This object provides score information about a particular assignment.	
@ RefId	M	A GUID that identifies an instance of this object.	RefIdType
StudentPersonalRefId	O	The GUID for the student whose score this is.	IdRefType
StudentPersonalLocalId	M	The Local Id for the student whose score this is.	LocalIdType
TeachingGroupRefId	O	The GUID for the TeachingGroup object in which this assignment has been set.	IdRefType
SchoolInfoRefId	O	The Id (GUID) that uniquely identifies the School in which this assignment has been set.	IdRefType
GradingAssignmentRefId	M	The grading assignment for which this is a score.	IdRefType
ScorePoints	C	The score represented as points. Conditionally required that one or more of ScorePoints, ScorePercent or ScoreLetter must be filled in. For online assignments, ScorePoints should be used to the exclusion of other scores.	xs:unsignedInt
ScorePercent	C	The score represented as a percent. Conditionally required that one or more of ScorePoints, ScorePercent or ScoreLetter must be filled in.	xs:decimal
ScoreLetter	C	The score represented as a letter grade. Conditionally required that one or more of ScorePoints, ScorePercent or ScoreLetter must be filled in.	xs:token
ScoreDescription	O	Text description of the score.	xs:normalizedString
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.12-1: GradingAssignmentScore

```
<GradingAssignmentScore RefId="359D7510-1AD0-A9D7-A8C3-DAD0A85103A2">
  <StudentPersonalRefId>A75A0010-1ABC-301D-02E3-A05B359D0A00</StudentPersonalRefId>
  <StudentPersonalLocalId>Fred12</StudentPersonalLocalId>
  <TeachingGroupRefId>D0A0A27A-D0A8-510A-D9D7-5101A8C3DA39</TeachingGroupRefId>
  <SchoolInfoRefId>11737EA4-301C-ADCA-75C8-7214A7C46BDB</SchoolInfoRefId>
  <GradingAssignmentRefId>359D7510-1AD0-A9D7-A8C3-DAD0A85105D2</GradingAssignmentRefId>
  <ScorePoints>45</ScorePoints>
</GradingAssignmentScore>
```

Example 3.3.12-1: GradingAssignmentScore

3.3.13 Identity

This object allows a system that stores network identities and/or passwords to share them with other applications through SIF. The provider of the Identity object may only support providing an identity or a password, or it may support both.

SIF_Events are reported for this object.

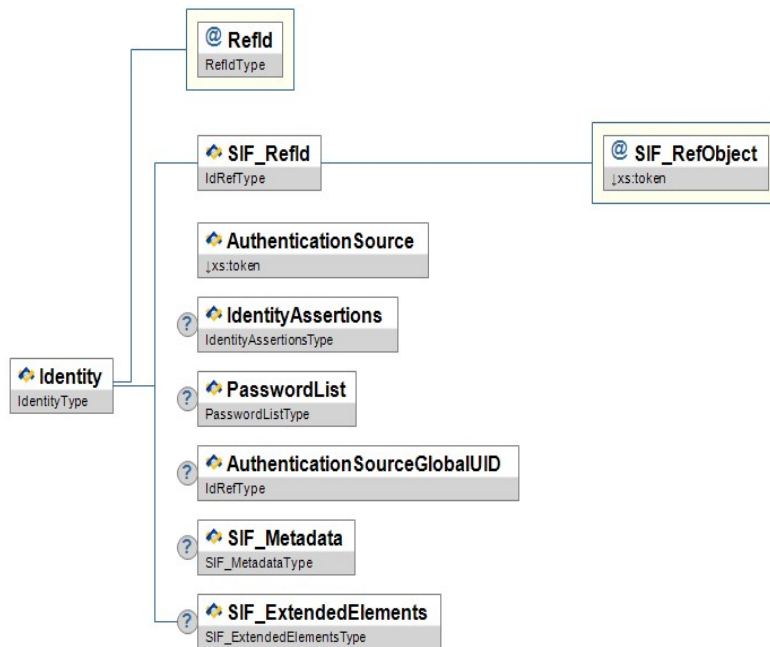


Figure 3.3.13-1: Identity

Element/@Attribute	Char	Description	Type
Identity		This object allows a system that stores network identities and/or passwords to share them with other applications through SIF. The provider of the Identity object may only support providing an identity or a password, or it may support both.	
@ RefId	M	The SIF RefId that uniquely identifies this object.	RefIdType
SIF_RefId	M	The SIF RefId of a StudentPersonal, StaffPersonal, or StudentContactPersonal object.	IdRefType
@ SIF_RefObject	M	The type of SIF object that the SIF_RefId attribute identifies.	values: StudentPersonal StaffPersonal StudentContactPersonal
AuthenticationSource	M	The type of source system that produced this Identity object. See implementation notes for provider requirements.	values: AUAcessShibboleth MSActiveDirectory NovelINDS OpenDirectory OpenID Other
IdentityAssertions	O	The list of identity assertions for this user.	IdentityAssertionsType
PasswordList	O	Allows a provider or publisher to specify the same password using multiple algorithms, if supported.	PasswordListType
AuthenticationSourceGlobalUID	O	The globally unique person identifier that links together separate Identity objects which reference the same Person.	IdRefType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.13-1: Identity

```
<Identity RefId="4286194F-43ED-43C1-8EE2-F0A27C48EF86">
  <SIF_RefId SIF_RefObject="StudentPersonal">23B08571-E4D6-45C3-B82A-3E52E5349925</SIF_RefId>
  <AuthenticationSource>AUAcessShibboleth</AuthenticationSource>
  <IdentityAssertions>
    <IdentityAssertion SchemaName="eduPersonPrincipalName">john.doe@asdf.edu.au</IdentityAssertion>
  </IdentityAssertions>
  <AuthenticationSourceGlobalUID>A9A6CB2B-C493-4427-8C1F-D6587D448B35</AuthenticationSourceGlobalUID>
</Identity>
```

Example 3.3.13-1: Identity published by an Access Federation Shibboleth Provider

```
<Identity RefId="4286194F-43ED-43C1-8EE2-F0A27C4BEF86">
<SIF_RefId SIF_RefObject="StudentPersonal">23B08571-E4D6-45C3-B82A-3E52E5349925</SIF_RefId>
<AuthenticationSource>MSActiveDirectory</AuthenticationSource>
<IdentityAssertions>
  <IdentityAssertion SchemaName="sAmAccountName">user01</IdentityAssertion>
  <IdentityAssertion SchemaName="userPrincipalName">user01@asdf.edu.au</IdentityAssertion>
  <IdentityAssertion SchemaName="distinguishedName">cn=User01,cn=Users,dc=org</IdentityAssertion>
</IdentityAssertions>
<AuthenticationSourceGlobalUID>23A08571-E4D6-45C3-B82A-3E52E5349925</AuthenticationSourceGlobalUID>
</Identity>
```

Example 3.3.13-2: Identity published by Microsoft Active Directory

```
<Identity RefId="4286194F-43ED-43C1-8EE2-F0A27C4BEF86">
<SIF_RefId SIF_RefObject="StudentPersonal">23B08571-E4D6-45C3-B82A-3E52E5349925</SIF_RefId>
<AuthenticationSource>OpenID</AuthenticationSource>
<IdentityAssertions>
  <IdentityAssertion SchemaName="openid.identity">http://verisign.org/p/alice </IdentityAssertion>
  <IdentityAssertion SchemaName="openid.server">http://verisign.org </IdentityAssertion>
</IdentityAssertions>
<AuthenticationSourceGlobalUID>A9A6CB2B-C493-4427-8C1F-D6587D448835</AuthenticationSourceGlobalUID>
</Identity>
```

Example 3.3.13-3: Identity published by an OpenID provider

3.3.14 Invoice

This object contains an amount to be invoiced to an outside entity (typically a creditor or debtor). This object can include school fees. The object is also used for payments to an outside entity (using debit amounts), where those payments are not for goods and services (PurchaseOrder object): e.g. credit notes, reimbursements, rebates.

SIF_Events are reported for this object.

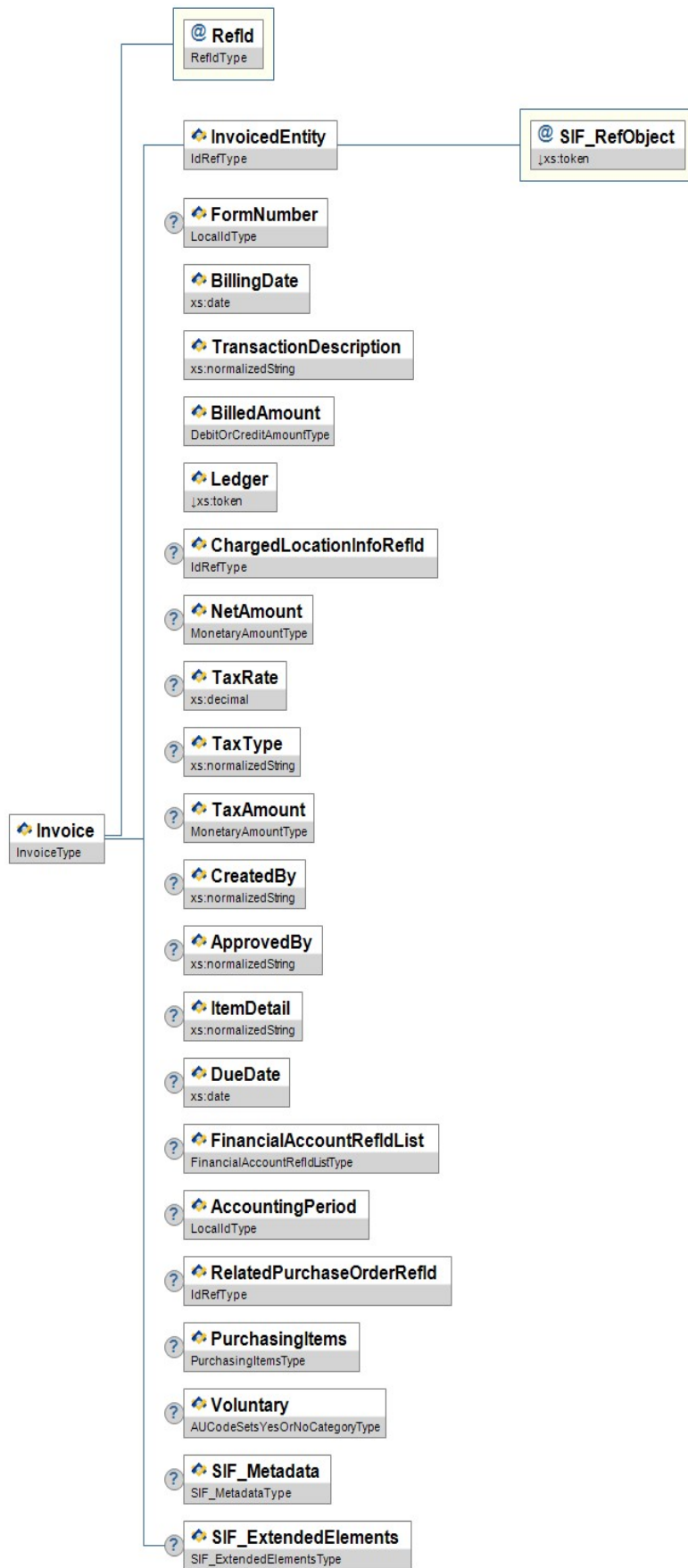


Figure 3.3.14-1: Invoice

Element/@Attribute	Char	Description	Type
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Element/@Attribute	Char	Description	Type
Invoice		This object contains an amount to be invoiced to an outside entity (typically a creditor or debtor). This object can include school fees. The object is also used for payments to an outside entity (using debit amounts), where those payments are not for goods and services (PurchaseOrder object): e.g. credit notes, reimbursements, rebates.	
@ KeyRefId	M	GUID for this transaction. The application that owns this object is responsible for generating this unique Id.	RefIdType
InvoicedEntity	M	Id of the entity being billed for this billing activity.	IdRefType
@ SIF_RefObject	M	RefId of SIF object referenced by Invoiced Entity.	values: Debtor PurchaseOrder
FormNumber	O	Invoice number assigned locally by the system issuing the invoice.	LocalIdType
BillingDate	M	Date of the transaction.	xs:date
TransactionDescription	M	Description of the transaction.	xs:normalizedString
BilledAmount	M	Gross amount to be billed, including any tax. Can be credit (e.g. for family credit notes, reimbursements, rebates).	DebitOrCreditAmountType
Ledger	M	The associated ledger for this transaction	values: Creditor Family Sundry
ChargedLocationInfoRefId	O	Id of the location billed for this billing activity.	IdRefType
NetAmount	O	Net amount billed, excluding any tax. Should be BilledAmount minus TaxAmount.	MonetaryAmountType
TaxRate	O	Rate of tax included in the billed amount.	xs:decimal
TaxType	O	Tax type (e.g. G11 vs NP6)	xs:normalizedString
TaxAmount	O	Amount of tax included in the billed amount	MonetaryAmountType
CreatedBy	O	Authority or person who created the invoice	xs:normalizedString
ApprovedBy	O	Authority or person who approved the invoice	xs:normalizedString
ItemDetail	O	Details of items invoiced (free text)	xs:normalizedString
DueDate	O	Due date for payment.	xs:date
FinancialAccountRefIdList	O	Suggested minimum class size for this subject.	FinancialAccountRefIdListType
AccountingPeriod	O	The accounting period against which the transaction is billed.	LocalIdType
RelatedPurchaseOrderRefId	O	An invoice purchase order related to this invoice (e.g. an invoice raised for the delivery of goods on a purchase order).	IdRefType

Element/@Attribute	Char	Description	Type
PurchasingItems	O	Listing of line items from original purchase order. Included to indicate any variation between the items, item cost, or item quantity ordered, and what has been delivered.	PurchasingItemsType
Voluntary	O	Whether the billing is voluntary (applies to some school fees).	AUCodeSetsYesOrNoCategoryType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.14-1: Invoice

<pre> <Invoice RefId="CA123458-47DE-A974-63FE-B238759FD123"> <InvoicedEntity SIF_RefObject="Debtor">BA497254-965F-DA48-965A-BCE4589EA421</InvoicedEntity> <BillingDate>1999-10-12</BillingDate> <TransactionDescription>Activity Fees</TransactionDescription> <BilledAmount Type="Debit" Currency="AUD">50.00</BilledAmount> <Ledger>Family</Ledger> <TaxRate>10.0</TaxRate> <TaxAmount Currency="AUD">5.00</TaxAmount> <CreatedBy>Peter Rabbit</CreatedBy> <ApprovedBy>Fred Flintstone</ApprovedBy> <ItemDetail>5 Widgets</ItemDetail> <FinancialAccountRefIdList> <FinancialAccountRefId>AE109F1A-C2DE-41E4-9DF5-C418F3DF18A8</FinancialAccountRefId> </FinancialAccountRefIdList> <AccountingPeriod>200004</AccountingPeriod> </Invoice> </pre>

Example 3.3.14-1: Invoice

3.3.15 Journal

This object is used to adjust balances between accounts. It is typically used to correct chart of account coding errors (e.g. created invoices for parents against the maths chart of account code when it should have been English).

SIF_Events are reported for this object.

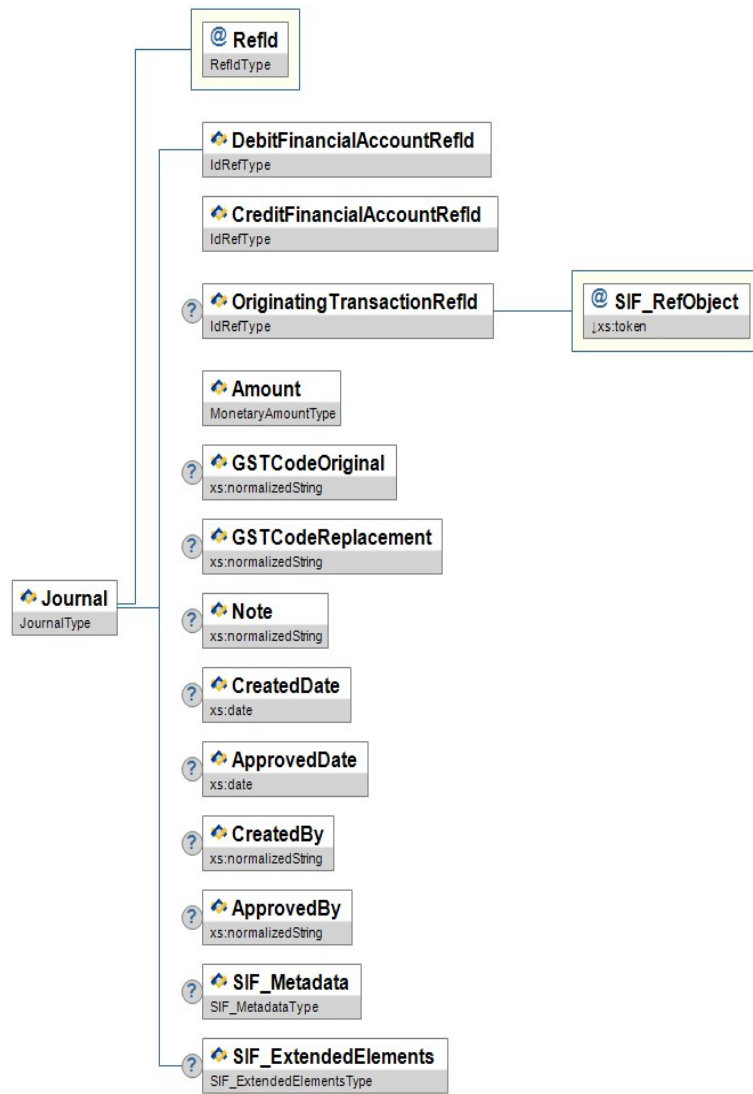


Figure 3.3.15-1: Journal

Element/@Attribute	Char	Description	Type
Journal		This object is used to adjust balances between accounts. It is typically used to correct chart of account coding errors (e.g. created invoices for parents against the maths chart of account code when it should have been English).	
@ RefId	M	Journal Id.	RefIdType
DebitFinancialAccountRefId	M	RefId of account to debit.	IdRefType
CreditFinancialAccountRefId	M	RefId of account to credit.	IdRefType
OriginatingTransactionRefId	O	RefId of the originating transaction which requires adjustment. This could be an Invoice, PaymentReceipt or PurchaseOrder.	IdRefType
@ SIF_RefObject	M		values: Invoice PaymentReceipt PurchaseOrder
Amount	M	Amount to transfer between the two accounts.	MonetaryAmountType
GSTCodeOriginal	O	Original GST code for journal transfer (if required).	xs:normalizedString

Element/@Attribute	Char	Description	Type
GSTCodeReplacement	O	Replacement GST code for journal transfer (if required).	xs:normalizedString
Note	O	Note about the journal.	xs:normalizedString
CreatedDate	O	Date on which journal was created.	xs:date
ApprovedDate	O	Date on which journal was approved.	xs:date
CreatedBy	O	Authority or person who created the journal.	xs:normalizedString
ApprovedBy	O	Authority or person who approved the journal.	xs:normalizedString
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.15-1: Journal

```
<Journal RefId="B5739375-800A-C4CC-6385-0BB2754114AA">
  <DebitFinancialAccountRefId>8B231144-301C-4D3B-95D4-8BB74C866AE1</DebitFinancialAccountRefId>
  <CreditFinancialAccountRefId>B7A34E56-1C97-345C-0A4E-11BB112B2753</CreditFinancialAccountRefId>
  <Amount Currency="AUD">7.00</Amount>
  <CreatedDate>2015-02-01</CreatedDate>
  <CreatedBy>Fred Flintstone</CreatedBy>
</Journal>
```

Example 3.3.15-1: Journal

3.3.16 LEAInfo

This object contains information about a school district, region, or other Local, State or Jurisdiction Educational Authority.

SIF_Events are reported for this object.

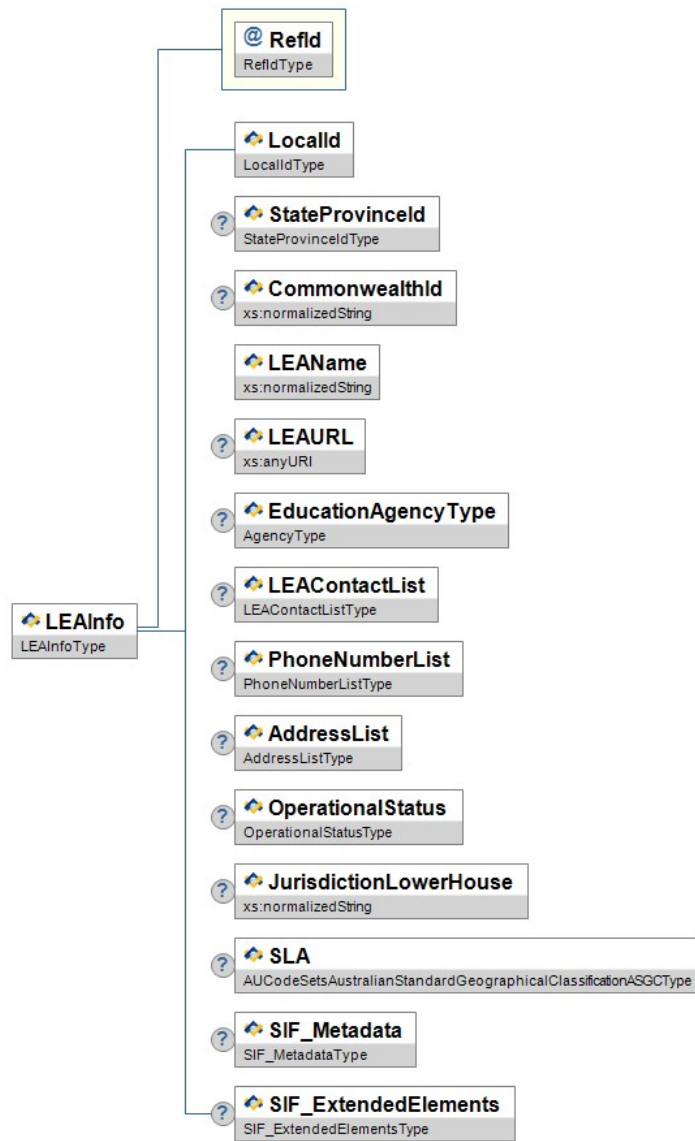



Figure 3.3.16-1: LEAInfo

Element/@Attribute	Char	Description	Type
LEAInfo		This object contains information about a school district, region, or other Local, State or Jurisdiction Educational Authority.	
@ RefId 	M	The GUID of the LEA whose information this is.	RefIdType
LocalId	M	The locally-assigned identifier for this LEA.	LocalIdType
StateProvinceId	O	The state-assigned identifier for this LEA.	StateProvinceIdType
CommonwealthId	O	Commonwealth Identifier for this Entity.	xs:normalizedString
LEAName	M	Name of LEA.	xs:normalizedString
LEAURL	O	URL for the LEA.	xs:anyURI

Element/@Attribute	Char	Description	Type
EducationAgencyType	O	The classification of the education agency within the geographic boundaries of a state according to the level of administrative and operational control.	AgencyType
LEAContactList	O		LEAContactListType
PhoneNumberList	O	The LEA's phone number(s).	PhoneNumberListType
AddressList	O	The LEA's address(es).	AddressListType
OperationalStatus	O	Operational condition of a school.	OperationalStatusType
JurisdictionLowerHouse	O	Lower House area that the school/campus belongs to.	xs:normalizedString
SLA	O	Statistical Local Area that the school/campus belongs to.	AUCodeSetsAustralianStandardGeographicalClassificationASGCType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.16-1: LEAInfo

<pre> <LEAInfo RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652"> <LocalId>EMR</LocalId> <StateProvinceId>EMR</StateProvinceId> <CommonwealthId>4215750</CommonwealthId> <LEAName>Eastern Metro School District</LEAName> <LEAURL>http://www.EMR.vic.edu.au</LEAURL> <EducationAgencyType> <Code>01</Code> </EducationAgencyType> <LEAContactList> <LEAContact> <PublishInDirectory>Y</PublishInDirectory> <ContactInfo> <Name Type="LGL"> <FamilyName>Smith</FamilyName> <GivenName>Theo</GivenName> <FullName>Theo Smith</FullName> </Name> <PositionTitle>Superintendent</PositionTitle> <EmailList> <Email Type="01">drseuss@edumail.vic.edu.au</Email> </EmailList> <PhoneNumberList> <PhoneNumber Type="0096"> <Number>(03) 9745 7455</Number> </PhoneNumber> </PhoneNumberList> </ContactInfo> </LEAContact> </LEAContactList> <PhoneNumberList> <PhoneNumber Type="0096"> <Number>(03) 9745 7455</Number> </PhoneNumber> </PhoneNumberList> <OperationalStatus>O</OperationalStatus> <JurisdictionLowerHouse>Unknown</JurisdictionLowerHouse> <SLA>205801452</SLA> </LEAInfo> </pre>

Example 3.3.16-1: LEAInfo

3.3.17 LearningResource

This object contains information related to learning resources that may be used in educational settings. These include textbooks, Internet content, educational software, videos and DVDs, supplemental print material, etc.

SIF_Events are reported for this object.

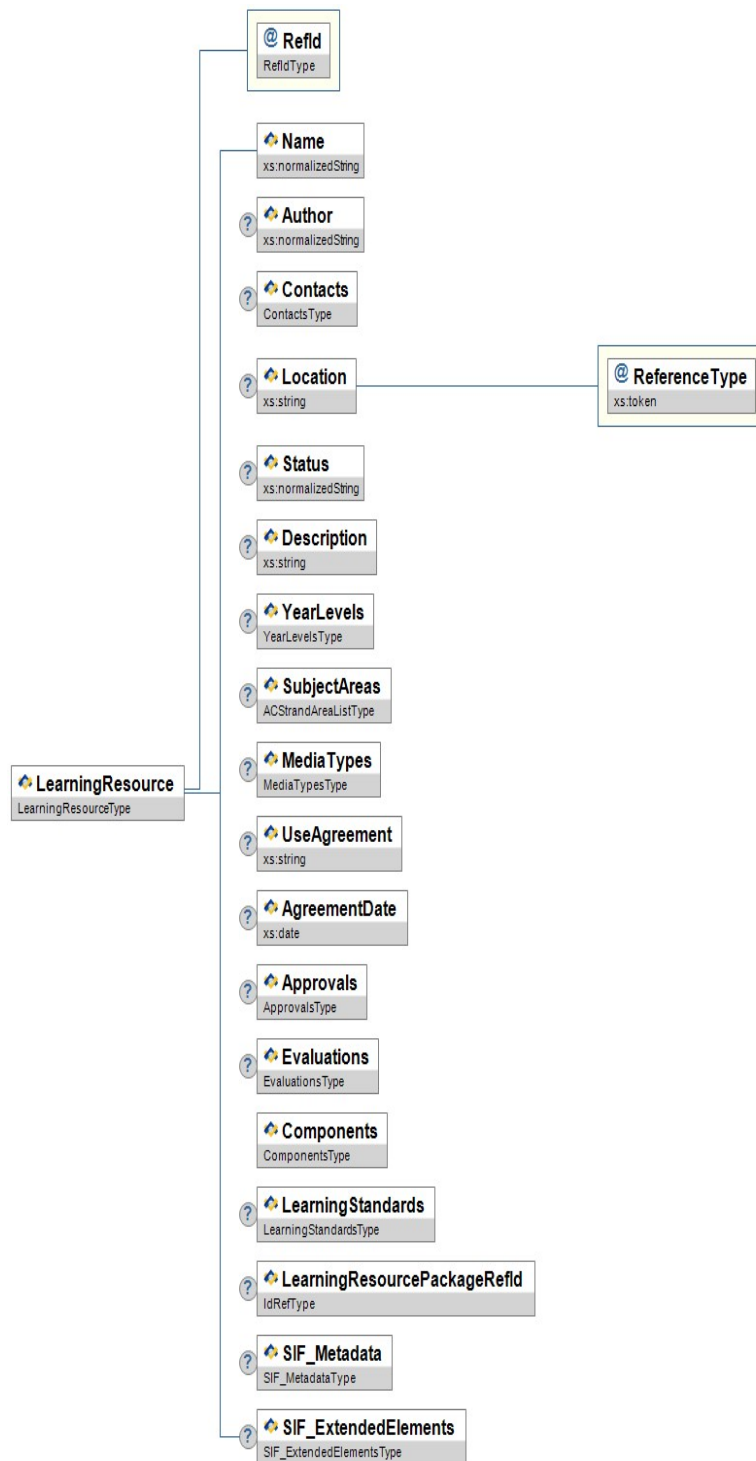


Figure 3.3.17-1: LearningResource

Element/@Attribute	Char	Description	Type
LearningResource		This object contains information related to learning resources that may be used in educational settings. These include textbooks, Internet content, educational software, videos and DVDs, supplemental print material, etc.	
@ RefId 	M	GUID assigned to this LearningResource.	RefIdType
Name	M	Name of learning resource.	xs:normalizedString
Author	O	Name of organization or company that created the resource.	xs:normalizedString

Element/@Attribute	Char	Description	Type
Contacts	O	Contains contact information about resource authors.	ContactsType
Location	O	Description of location of resource, i.e. location in library or URL, community resource, outside resource supplier.	xs:string
@ ReferenceType	M	A qualifying attribute for the Location payload. If ReferenceType is "URI", the payload contains a web address where the resource can be found.	xs:token
Status	O	Describes availability status of resource, e.g. "checked out."	xs:normalizedString
Description	O	Description of the resource, e.g., "This textbook is intended for year 4 social studies students and addresses..."	xs:string
YearLevels	O		YearLevelsType
SubjectAreas	O		ACStrandAreaListType
MediaTypes	O	Resource media types.	MediaTypesType
UseAgreement	O	Describes terms of use for resource.	xs:string
AgreementDate	O	A date that defines the date of agreement.	xs:date
Approvals	O	Authorizations to use this resource. For example, this resource may be included as part of the district's standard curriculum model.	ApprovalsType
Evaluations	O	Evaluations/review of the resource.	EvaluationsType
Components	M	Lesson or activity-sized portions of a resource.	ComponentsType
LearningStandards	O	References to LearningStandardItems.	LearningStandardsType
LearningResourcePackageRefId	O	Reference to a LearningResourcePackage, a transport envelope for teaching and learning object files.	IdRefType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.17-1: LearningResource

```

<LearningResource RefId="6938D88F-82A3-7EFD-8889-2429EC6AB1B5">
  <!--Lang>en</Lang-->
  <Name>A World of Music (Teacher Reference Sheet)</Name>
  <Author>The Queensland Performing Arts Edge</Author>
  <Contacts>
    <Contact>
      <Address Type="0123" Role="012A">
        <Street>
          <Line1>QPAC</Line1>
          <Line2>Southbank</Line2>
        </Street>
        <City>Brisbane</City>
        <StateProvince>QLD</StateProvince>
        <Country>1101</Country>
        <PostalCode>4002</PostalCode>
      </Address>
      <PhoneNumber Type="0096">
        <Number>(555) 555-1234</Number>
        <ListedStatus>Y</ListedStatus>
      </PhoneNumber>
      <Email Type="01">info@QPAC.edu.au</Email>
    </Contact>
  </Contacts>
  <Location ReferenceType="URI">http://www.artsedge.QPAC/curric/86_u_dreams/489_words.pdf</Location>
  <Status>Available</Status>
  <Description>Teacher Reference Sheet</Description>
  <YearLevels>
    <YearLevel>
      <Code>3</Code>
    </YearLevel>
    <YearLevel>
      <Code>4</Code>
    </YearLevel>
    <YearLevel>
      <Code>5</Code>
    </YearLevel>
  </YearLevels>
  <SubjectAreas>
    <ACStrandSubjectArea>
      <ACStrand>K</ACStrand>
      <SubjectArea>
        <Code>Hist</Code>
        <OtherCodeList>
          <OtherCode Codeset="Text">Revolutions</OtherCode>
        </OtherCodeList>
      </SubjectArea>
    </ACStrandSubjectArea>
  </SubjectAreas>
  <MediaTypes>
    <MediaType>x-application/pdf</MediaType>
  </MediaTypes>
  <UseAgreement>see http://www.artsedge.QPAC/teaching_materials/using/artsedge.html for the user agreement</UseAgreement>
  <AgreementDate>2002-06-05</AgreementDate>
  <Approvals>
    <Approval>
      <Organization>QLD DET</Organization>
      <Date>2002-03-15</Date>
    </Approval>
  </Approvals>
  <Evaluations>
    <Evaluation RefId="F18C63DF-D02C-CE66-54EF-558E84904E01">
      <Description>This resource references QLD curriculum standards</Description>
      <Date>2001-06-15</Date>
      <Name Type="LGL">
        <FamilyName>Doe</FamilyName>
        <GivenName>Joan</GivenName>
      </Name>
    </Evaluation>
  </Evaluations>
  <Components>
    <Component>
      <Name>Vocabulary</Name>
      <Reference>http://www.artsedge.QPAC.org/teaching_materials/curricula/curric/86_u_dreams/489_vocab.html</Reference>
      <Description>Students learn about social contexts such as nationality, culture, etc.</Description>
      <Strategies>
        <Strategy>Inquiry</Strategy>
      </Strategies>
      <AssociatedObjects>
        <AssociatedObject SIF_RefObject="LearningResource">667A87E2-1B4B-9470-CE61-568576DF921E</AssociatedObject>
      </AssociatedObjects>
    </Component>
  </Components>
  <LearningStandards>
    <LearningStandardItemRefId>056076D4-0F08-9691-6DA4-CA2E230494E8</LearningStandardItemRefId>
    <LearningStandardItemRefId>DBCE6406-0B47-E555-A64A-F7FCE6C1A4A9</LearningStandardItemRefId>
  </LearningStandards>
  <LearningResourcePackageRefId>60254047-C5E5-42CB-B792-1D03ED3BD894</LearningResourcePackageRefId>
</LearningResource>

```

Example 3.3.17-1: LearningResource

3.3.18 LearningResourcePackage

Many instructional applications in a SIF zone need to share teaching and learning objects. Curriculum planning applications, content repositories, learning management systems, etc.—all of these systems need to share instructional content utilizing the LearningResource object.

The LearningResourcePackage object provides a transport envelope to move these files across the SIF zone.

Note: With SIF Implementation Specification version 2.4 the choice element depicted in the diagram below has changed. In the XSD files, the choice element used to be rendered as a sequence of optional elements. Now, in the XSD files, the choice element is rendered as an xs:choice. This may cause problems with agents that treat the choice element as two optional elements rather than a choice of one and only one of the choices.

SIF_Events are not reported for this object.

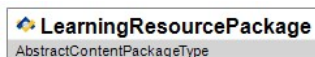


Figure 3.3.18-1: LearningResourcePackage

Element/@Attribute	Char	Description	Type
LearningResourcePackage		A wrapper for any external learning content to be transmitted across a SIF Zone.	AbstractContentPackageType

Table 3.3.18-1: LearningResourcePackage

```
<LearningResourcePackage RefId="C7DE8668-5968-459F-BF9F-ED22A0E1EA6E">
  <BinaryData MimeType="text/html;charset=utf-16">...</BinaryData>
</LearningResourcePackage>
```

Example 3.3.18-1: LearningResourcePackage

3.3.19 LearningStandardDocument

A curriculum standards document or the like published by a national, state, district, school site, professional association or other interested party. The LearningStandardDocument reflects an expectation of student work.

SIF_Events are reported for this object.

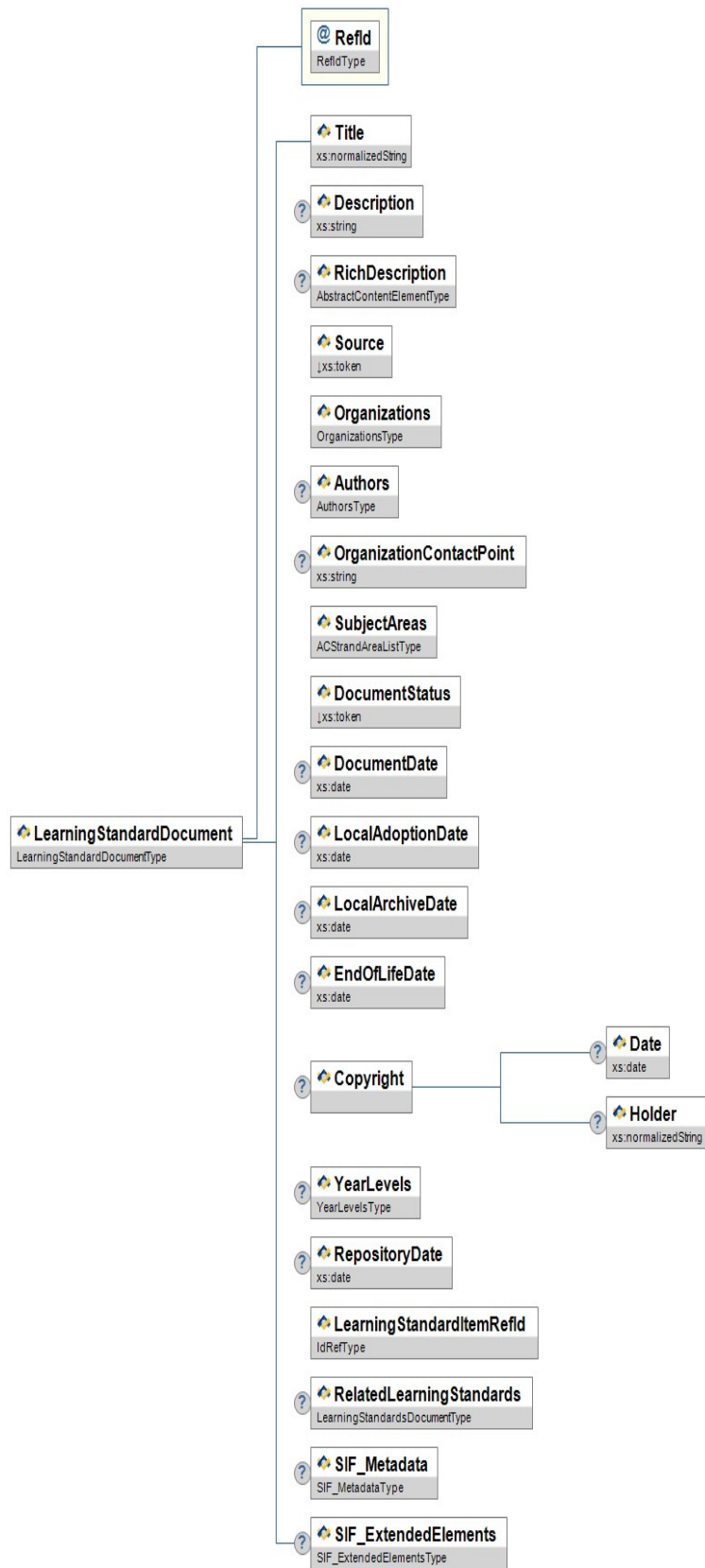


Figure 3.3.19-1: LearningStandardDocument

Element/@Attribute	Char	Description	Type
LearningStandardDocument		A curriculum standards document or the like published by a national, state, district, school site, professional association or other interested party. The LearningStandardDocument reflects an expectation of student work.	
@ RefId	M	Id for the standards document	RefIdType

Element/@Attribute	Char	Description	Type
Title	M	Name of curriculum document, i.e., "NSW History Curriculum K-10."	xs:normalizedString
Description	O	Description of the standards document.	xs:string
RichDescription	O	Description of the curriculum document that allows pictures as well as text..	AbstractContentElementType
Source	M	Defines source of standard document. This is the descriptive type of the organization listed in organization. It serves to describe the type of the standards contained within the document.	values: National State Regional District Site Classroom Publisher
Organizations	M		OrganizationsType
Authors	O		AuthorsType
OrganizationContactPoint	O	A brief description of how to contact the organization maintaining the standards. It could be a phone number, email address, or URL.	xs:string
SubjectAreas	M		ACStrandAreaListType
DocumentStatus	M		values: Draft Adopted Archived Unknown
DocumentDate	O	The date the current status was achieved.	xs:date
LocalAdoptionDate	O	The date the local organization adopted this standard document	xs:date
LocalArchiveDate	O	The date the local organization stopped using this standard document and superseded by a new document.	xs:date
EndOfLifeDate	O	This is the date that the governing organization retired this document.	xs:date
Copyright	O	Copyright for document.	
Copyright/Date	C	Copyright date	xs:date
Copyright/Holder	C	Name of the copyright holder	xs:normalizedString
YearLevels	O	SIF common YearLevels element	YearLevelsType
RepositoryDate	O	Date document data was added to the repository	xs:date
LearningStandardItemRefId	M	Link to the first/top LearningStandardItem in the standard hierarchy	IdRefType
RelatedLearningStandards	O		LearningStandardsDocumentType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.19-1: LearningStandardDocument

```

<!--LearningStandardDocument RefId="A5A575C7-8917-5101-B8E7-F08ED123A823" xml:lang="en"--><LearningStandardDocument RefId="A5A575C7-8917-5101-B8E7-F08ED123A823">
<Title>Australian National Curriculum: History</Title>
<Description>
AIMS: The aim of the History curriculum is to instill in students an appreciation in the diversity of the past and how they inform current developments
RATIONALE: History is essential for an informed citizenry and has always been a cornerstone of education.
</Description>
<Source>National</Source>
<Organizations>
<Organization>ACARA</Organization>
</Organizations>
<Authors>
<Author>Joe Bloggs</Author>
</Authors>
<OrganizationContactPoint>http://www.acara.edu.au</OrganizationContactPoint>
<SubjectAreas>
<ACStrandSubjectArea>
<ACStrand>H</ACStrand>
<SubjectArea>
<Code>Hist</Code>
<OtherCodeList>
<OtherCode Codeset="Text">History</OtherCode>
</OtherCodeList>
</SubjectArea>
</ACStrandSubjectArea>
</SubjectAreas>
<DocumentStatus>Adopted</DocumentStatus>
<DocumentDate>2010-04-15</DocumentDate>
<LocalAdoptionDate>2011-01-06</LocalAdoptionDate>
<EndOfLifeDate>2011-04-15</EndOfLifeDate>
<Copyright>
<Date>2010-06-05</Date>
<Holder>ACARA</Holder>
</Copyright>
<YearLevels>
<YearLevel>
<Code>11</Code>
</YearLevel>
<YearLevel>
<Code>12</Code>
</YearLevel>
</YearLevels>
<RepositoryDate>2011-04-15</RepositoryDate>
<LearningStandardItemRefId>667A87E2-1B4B-9470-CE61-568576DF921E</LearningStandardItemRefId>
<RelatedLearningStandards>
<LearningStandardDocumentRefId>B87A87E2-1B4B-9470-CE61-568576DF921E</LearningStandardDocumentRefId>
</RelatedLearningStandards>
</LearningStandardDocument>

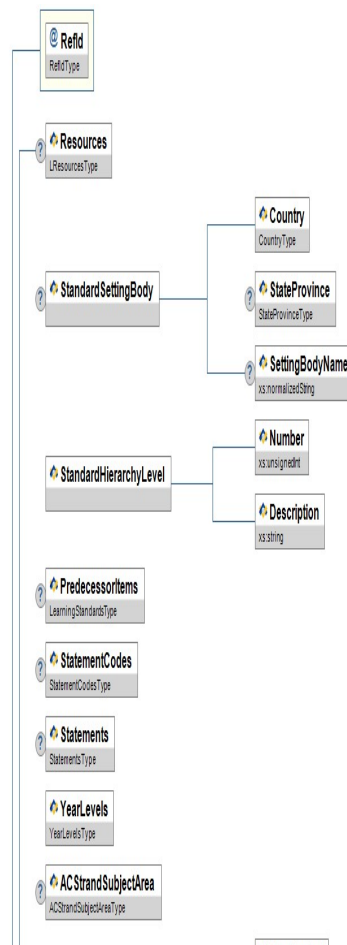
```

Example 3.3.19-1: LearningStandardDocument

3.3.20 LearningStandardItem

This object contains information related to curriculum standards statements "standards" or "benchmarks" or the like within the document. Each LearningStandardItem reflects an individual standard statement and may occur at several levels within a hierarchically structured document.

SIF_Events are reported for this object.



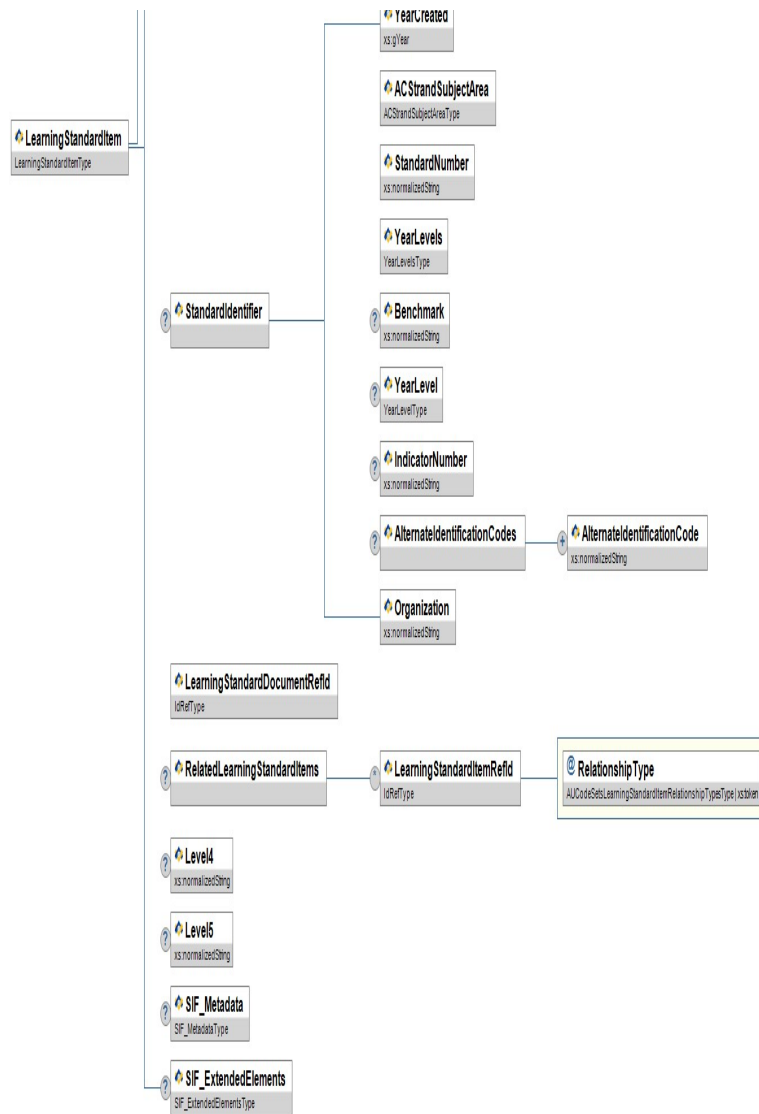


Figure 3.3.20-1: LearningStandardItem

Element/@Attribute	Char	Description	Type
LearningStandardItem		This object contains information related to curriculum standards statements "standards" or "benchmarks" or the like within the document. Each LearningStandardItem reflects an individual standard statement and may occur at several levels within a hierarchially structured document.	
@ RefId	M	GUID assigned to each statement at each level within the document hierarchy	RefIdType
Resources	O	Container for related resources.	LResourcesType
StandardSettingBody	O	The name of the state or organization that authored and manages updates to the curriculum document (i.e., ACARA, NSW DET).	
StandardSettingBody/Country	M		CountryType
StandardSettingBody/StateProvince	O		StateProvinceType
StandardSettingBody/SettingBodyName	O	This is the text version of the organization's name.	xs:normalizedString
StandardHierarchyLevel	M	Description of hierarchical level within standards tree.	
StandardHierarchyLevel/Number	M	Integer assigned to each hierarchical level within standards tree. The top level is "1".	xs:unsignedInt

Element/@Attribute	Char	Description	Type
StandardHierarchyLevel/Description	M	Used to describe what role this item is serving in the structure. Some documents describe their levels in terms of standard, strands, and topics. Others use standards, benchmarks, and indicators. In Australia, this is typically in terms of Course or Unit, Year Level, Outcomes. This attribute names the level of the item.	xs:string
PredecessorItems	O	GUID assigned to the LearningStandardItem directly above it in the hierarchy tree. This is a repeatable element because a single granular item may relate to multiple parent levels of the hierarchy. If the object has no parent, the ParentRefId should be the same as the object's RefId. The RefId in LearningStandardDocumentRefId will always point to the parent's LearningStandardDocument object.	LearningStandardsType
StatementCodes	O		StatementCodesType
Statements	O		StatementsType
YearLevels	M		YearLevelsType
ACStrandSubjectArea	O		ACStrandSubjectAreaType
StandardIdentifier	O	This element describes the unique identifier for each LearningStandard.	
StandardIdentifier/YearCreated	M	This represents the year that this specific learning standard was created. This is important to indicate as standards are updated to reflect the appropriate year it was created. This would be assigned by and unique to the standard setting body.	xs:gYear
StandardIdentifier/ACStrandSubjectArea	M	This represents the subject or content area this curriculum item addresses. This would be assigned by and unique to the curriculum setting body.	ACStrandSubjectAreaType
StandardIdentifier/StandardNumber	M	This is the specific number of the standard. For example, if the subject is mathematics and this standard is Patterns, Functions and Algebra, this would be StandardNumber 1. This would be assigned by and unique to the standard setting body.	xs:normalizedString
StandardIdentifier/YearLevels	M	This represents the grade level(s) this specific learning standard will address. This may be addressed in different ways. Some states have a grade level that covers several grades and others have just one grade. This would be assigned by and unique to the standard setting body.	YearLevelsType
StandardIdentifier/Benchmark	O	This is the next level within the hierarchy of the learning standard. For example, if the subject is mathematics and the standard is algebra, this would be the next delineation - Represent an unknown quantity as a variable using a symbol, including letters. This would be assigned by and unique to the standard setting body.	xs:normalizedString
StandardIdentifier/YearLevel	O	This is the specific year level. This is to be utilized if the YearLevel covers several years. This would be assigned by and unique to the standard setting body.	YearLevelType
StandardIdentifier/IndicatorNumber	O	This would be the most granular level of the learning standard associated with the grade level. Following the same example, an indicator for Algebra YearLevel 5-7, the indicator for the benchmark above at Year 6 would be to Evaluate simple expressions by replacing variables with given values, and use formulas in problem-solving situations. This would be assigned by and unique to the standard setting body.	xs:normalizedString
StandardIdentifier/AlternateIdentificationCodes	O	This element is for an organization to utilize for an internal code. This may be used for an alignment schema or other purposes that are only internal for the organization.	List
StandardIdentifier/AlternateIdentificationCodes/AlternateIdentificationCode	MR	An alphanumeric Id code as defined by the organization to identify the statement.	xs:normalizedString

Element/@Attribute	Char	Description	Type
StandardIdentifier/Organization	M	Name of organization represented by the document, i.e., "National Council of Teachers of Mathematics (NCTM)," "NSW," "ACARA." This is the name of the organization that has this AlternateIdentificationCode. This should be a text field.	xs:normalizedString
LearningStandardDocumentRefId	M	The RefId of the item's parent LearningStandardDocument.	IdRefType
RelatedLearningStandardItems	O	Container for external relationships.	List
RelatedLearningStandardItems/ LearningStandardItemRefId	OR	A relationship between the current standard item and another standard item.	IdRefType
@ RelationshipType	M	Type of the relationship between the current standard and the target standard. The value identifies the type of standard of the target item. The purpose of this information is to allow applications to sort/display these relationships in the appropriate context.	union of: AUCodesetsLearningStandardItemRelationshipTypesType xs:token
Level4	O	This is the second to most granular level of the learning or performance standard associated with the grade level.	xs:normalizedString
Level5	O	This is the most granular level of the learning or performance standard associated with the grade level.	xs:normalizedString
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.20-1: LearningStandardItem

```

<LearningStandardItem RefId="A5075F78-9175-101B-8C7E-08EA123A8234">
  <StandardSettingBody>
    <Country>1101</Country>
    <StateProvince>VIC</StateProvince>
    <SettingBodyName>DEECD</SettingBodyName>
  </StandardSettingBody>
  <StandardHierarchyLevel>
    <Number>3</Number>
    <Description>AchievementStandard</Description>
  </StandardHierarchyLevel>
  <PredecessorItems>
    <LearningStandardItemRefId>DE072A87-EFAD-4B77-8AF9-FAF83C94839E</LearningStandardItemRefId>
  </PredecessorItems>
  <StatementCodes>
    <StatementCode>Mathematics.2.03.a</StatementCode>
  </StatementCodes>
  <Statements>
    <Statement>Counting from 0 to 100 using whole numbers</Statement>
  </Statements>
  <YearLevels>
    <YearLevel>
      <Code>4</Code>
    </YearLevel>
    <YearLevel>
      <Code>5</Code>
    </YearLevel>
  </YearLevels>
  <ACStrandSubjectArea>
    <ACStrand>M</ACStrand>
    <SubjectArea>
      <Code>Maths</Code>
      <OtherCodeList>
        <OtherCode Codeset="Text">Mathematics</OtherCode>
      </OtherCodeList>
    </SubjectArea>
  </ACStrandSubjectArea>
  <StandardIdentifier>
    <YearCreated>2003</YearCreated>
    <ACStrandSubjectArea>
      <ACStrand>M</ACStrand>
      <SubjectArea>
        <Code>Maths</Code>
        <OtherCodeList>
          <OtherCode Codeset="Text">Mathematics</OtherCode>
        </OtherCodeList>
      </SubjectArea>
    </ACStrandSubjectArea>
    <StandardNumber>04</StandardNumber>
  </StandardIdentifier>
  <YearLevels>
    <YearLevel>
      <Code>5</Code>
    </YearLevel>
    <YearLevel>
      <Code>6</Code>
    </YearLevel>
    <YearLevel>
      <Code>7</Code>
    </YearLevel>
  </YearLevels>
  <Organization>DEECD VIC</Organization>
</StandardIdentifier>
<LearningStandardDocumentRefId>8454189F-688C-26C6-B97D-DB486D0E3AC8</LearningStandardDocumentRefId>
<RelatedLearningStandardItems>
  <LearningStandardItemRefId RelationshipType="Content">869670E8-540A-4350-9515-AFB767FADD9A</LearningStandardItemRefId>
  <LearningStandardItemRefId RelationshipType="State">B14FDAB4-37CA-4565-A976-5A5B824545C4</LearningStandardItemRefId>
  <LearningStandardItemRefId RelationshipType="ContentElaboration">D5440A11-F5A4-4AC1-9202-61EC8E5A29F6</LearningStandardItemRefId>
</RelatedLearningStandardItems>
</LearningStandardItem>

```

Example 3.3.20-1: LearningStandardItem

3.3.21 NAPCodeFrame

This object replicates the codeframe information about each NAPLAN test (per year level and domain), as a tree of GUIDs pointing to the relevant testlet and item/stimulus objects, so that the structure of the test can be traversed within one object.

SIF_Events are reported for this object.

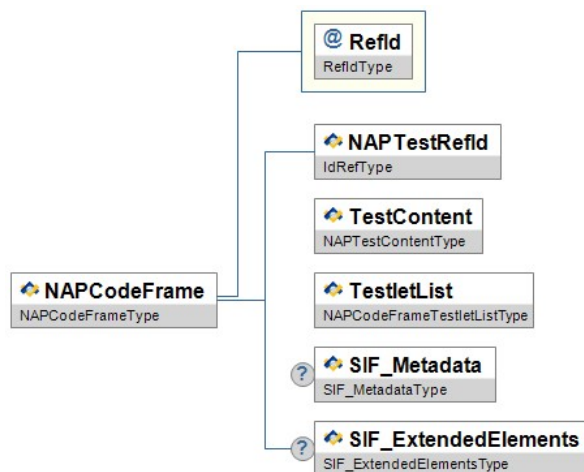


Figure 3.3.21-1: NAPCodeFrame

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
NAPCodeFrame		This object replicates the codeframe information about each NAPLAN test (per year level and domain), as a tree of GUIDs pointing to the relevant testlet and item/stimulus objects, so that the structure of the test can be traversed within one object.	
@ RefId	M	The GUID that uniquely identifies an instance of the object.	RefIdType
NAPTestRefId	M	The GUID that identifies the associated NAP test object.	IdRefType
TestContent	M		NAPTestContentType
TestletList	M		NAPCodeFrameTestletListType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 3.3.21-1: NAPCodeFrame

```
<NAPCodeFrame RefId="09381381-641E-4034-A54B-9A84D7B54426">
  <NAPTestRefId>CE9FFC50-33B4-4F19-8DD5-62579B681A63</NAPTestRefId>
  <TestContent>
    <NAPTestLocalId>NAPLAN-2017-0001-Reading</NAPTestLocalId>
    <TestName>NAPLAN Reading Yr 3, 2017</TestName>
    <TestLevel>
      <Code>3</Code>
    </TestLevel>
    <TestType>Normal</TestType>
    <Domain>Reading</Domain>
    <TestYear>2017</TestYear>
    <StagesCount>3</StagesCount>
    <DomainBands>
      <Band1Lower>0</Band1Lower>
      <Band1Upper>258</Band1Upper>
      <Band2Lower>258</Band2Lower>
      <Band2Upper>318</Band2Upper>
      <Band3Lower>318</Band3Lower>
      <Band3Upper>368</Band3Upper>
      <Band4Lower>368</Band4Lower>
      <Band4Upper>417</Band4Upper>
      <Band5Lower>417</Band5Lower>
      <Band5Upper>466</Band5Upper>
      <Band6Lower>466</Band6Lower>
      <Band6Upper>526</Band6Upper>
      <Band7Lower>526</Band7Lower>
      <Band7Upper>574</Band7Upper>
      <Band8Lower>574</Band8Lower>
      <Band8Upper>633</Band8Upper>
      <Band9Lower>633</Band9Lower>
      <Band9Upper>681</Band9Upper>
      <Band10Lower>681</Band10Lower>
      <Band10Upper>999</Band10Upper>
    </DomainBands>
    <DomainProficiency>
      <Level1Lower>10</Level1Lower>
      <Level1Upper>20</Level1Upper>
      <Level2Lower>30</Level2Lower>
      <Level2Upper>40</Level2Upper>
      <Level3Lower>50</Level3Lower>
      <Level3Upper>60</Level3Upper>
      <Level4Lower>70</Level4Lower>
      <Level4Upper>80</Level4Upper>
    </DomainProficiency>
  </TestContent>
  <TestletList>
    <Testlet>
      <NAPTestletRefId>74391492-B229-4B32-A9ED-E1B03C929604</NAPTestletRefId>
      <TestletContent>
        <NAPTestletLocalId>NAPLAN-2017-0001-Reading-A-00</NAPTestletLocalId>
        <TestletName>Testlet A-1 for Reading Yr 3</TestletName>
        <Node>A</Node>
        <LocationInStage>1</LocationInStage>
        <TestletMaximumScore>12</TestletMaximumScore>
      </TestletContent>
      <TestItemList>
        <TestItem>
          <TestItemRefId>87734F2A-673B-4F2D-A805-532869CE3F57</TestItemRefId>
          <SequenceNumber>8</SequenceNumber>
          <TestItemContent>
            <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-00</NAPTestItemLocalId>
            <ItemType>MC</ItemType>
            <Subdomain>Letters</Subdomain>
            <ItemDescriptor>Descriptor #1</ItemDescriptor>
            <ReleasedStatus>true</ReleasedStatus>
            <MarkingType>AS</MarkingType>
            <MultipleChoiceOptionCount>4</MultipleChoiceOptionCount>
            <CorrectAnswer>7</CorrectAnswer>
            <MaximumScore>1</MaximumScore>
            <ItemDifficulty>3</ItemDifficulty>
            <ItemDifficultyLogit5>.8</ItemDifficultyLogit5>
            <ItemDifficultyLogit62>.9</ItemDifficultyLogit62>
            <ItemDifficultyLogit5SE>.8</ItemDifficultyLogit5SE>
            <ItemDifficultyLogit62SE>.9</ItemDifficultyLogit62SE>
            <ItemProficiencyBand>3</ItemProficiencyBand>
            <ItemProficiencyLevel>C</ItemProficiencyLevel>
            <ExemplarURL>http://example.com/n3.xml</ExemplarURL>
            <ContentDescriptionList>
              <ContentDescription>MNA32</ContentDescription>
              <ContentDescription>MNA37</ContentDescription>
            </ContentDescriptionList>
            <StimulusList>
              <Stimulus>
                <StimulusLocalId>kzgm5666</StimulusLocalId>
                <TextGenre>Narrative</TextGenre>
                <TextType>Simple</TextType>
                <WordCount>300</WordCount>
                <TextDescriptor>A nice rollicking anecdote</TextDescriptor>
                <Content>http://example.com/Reading.xml</Content>
              </Stimulus>
            </StimulusList>
          </TestItemContent>
        </TestItem>
        <TestItem>
          <TestItemRefId>70032978-57F3-4941-ADE7-BDC79ED3485B</TestItemRefId>
          <SequenceNumber>1</SequenceNumber>
          <TestItemContent>
            <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-01</NAPTestItemLocalId>
            <ItemType>MC</ItemType>
            <Subdomain>Letters</Subdomain>
            <ItemDescriptor>Descriptor #1</ItemDescriptor>
            <ReleasedStatus>true</ReleasedStatus>
            <MarkingType>AS</MarkingType>
            <MultipleChoiceOptionCount>4</MultipleChoiceOptionCount>
            <CorrectAnswer>7</CorrectAnswer>
            <MaximumScore>1</MaximumScore>
            <ItemDifficulty>3</ItemDifficulty>
            <ItemDifficultyLogit5>.8</ItemDifficultyLogit5>
            <ItemDifficultyLogit62>.9</ItemDifficultyLogit62>
            <ItemDifficultyLogit5SE>.8</ItemDifficultyLogit5SE>
            <ItemDifficultyLogit62SE>.9</ItemDifficultyLogit62SE>
            <ItemProficiencyBand>3</ItemProficiencyBand>
            <ItemProficiencyLevel>C</ItemProficiencyLevel>
            <ExemplarURL>http://example.com/n3.xml</ExemplarURL>
            <ContentDescriptionList>
              <ContentDescription>MNA32</ContentDescription>
              <ContentDescription>MNA37</ContentDescription>
            </ContentDescriptionList>
            <StimulusList>
              <Stimulus>
                <StimulusLocalId>vzahj691</StimulusLocalId>
                <TextGenre>Narrative</TextGenre>
                <TextType>Simple</TextType>
                <WordCount>300</WordCount>
                <TextDescriptor>A nice rollicking anecdote</TextDescriptor>
                <Content>http://example.com/Reading.xml</Content>
              </Stimulus>
            </StimulusList>
          </TestItemContent>
        </TestItem>
      </TestItemList>
    </Testlet>
  </TestletList>

```

```
</Stimulus>
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    <ItemDifficultyLogit62>.9</ItemDifficultyLogit62>
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```
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    <ItemDifficultyLogit62>.9</ItemDifficultyLogit62>
    <ItemDifficultyLogit5SE>.8</ItemDifficultyLogit5SE>
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    <ItemProficiencyLevel>C</ItemProficiencyLevel>
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    <ItemDifficultyLogit62>.9</ItemDifficultyLogit62>
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    <ItemProficiencyLevel>C</ItemProficiencyLevel>
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```

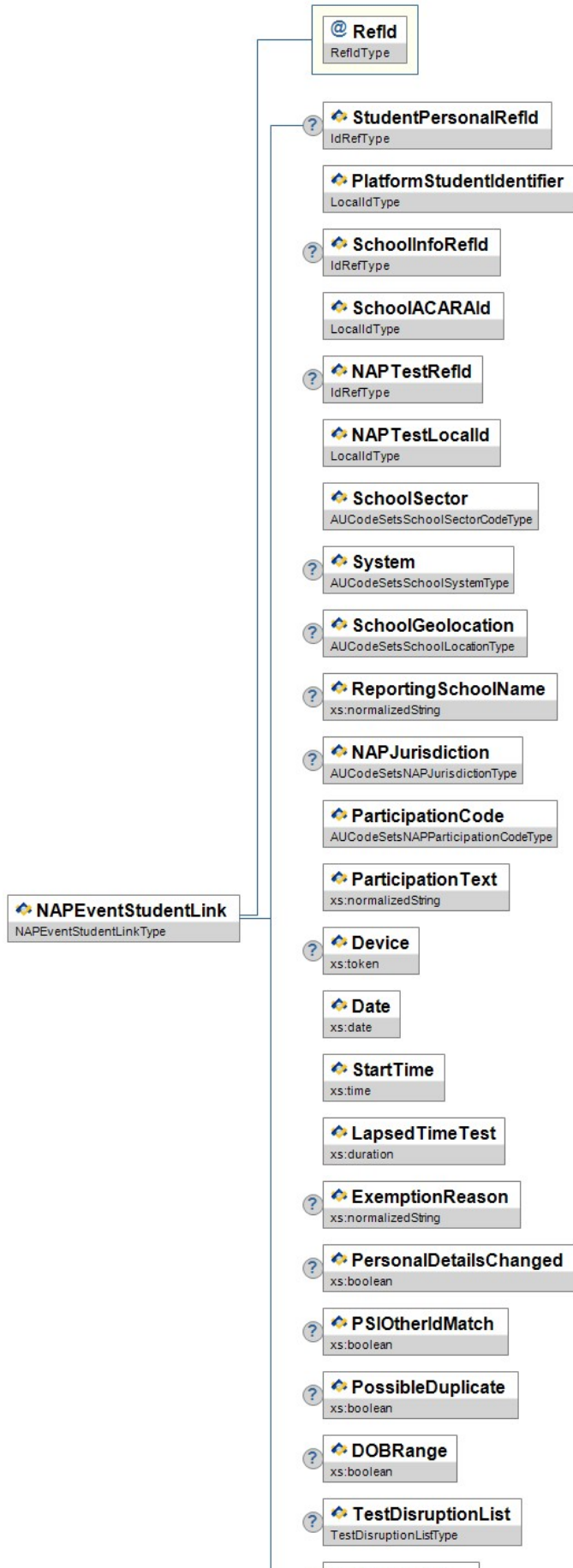
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    <ItemDifficultyLogit5SE>.8</ItemDifficultyLogit5SE>
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    <ItemProficiencyBand>3</ItemProficiencyBand>
    <ItemProficiencyLevel>C</ItemProficiencyLevel>
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    <ItemDifficultyLogit62>.9</ItemDifficultyLogit62>
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    <CorrectAnswer>7</CorrectAnswer>
    <MaximumScore>1</MaximumScore>
    <ItemDifficulty>3</ItemDifficulty>
    <ItemDifficultyLogit5>.8</ItemDifficultyLogit5>
    <ItemDifficultyLogit62>.9</ItemDifficultyLogit62>
    <ItemDifficultyLogit5SE>.8</ItemDifficultyLogit5SE>
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      </Stimulus>
    </StimulusList>
  </TestItemContent>
</TestItem>
</TestItemList>
</TestletList>
</NAPCodeFrame>

```

Example 3.3.21-1: NAPCodeFrame...example 1

This object represents a student's attempt to undergo NAP assessment in a particular test.

SIF_Events are reported for this object.



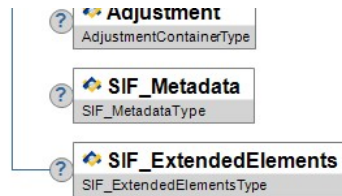


Figure 3.3.22-1: NAPEventStudentLink

Element/@Attribute	Char	Description	Type
NAPEventStudentLink		This object represents a student's attempt to undergo NAP assessment in a particular test.	
@ KeyRefId	M	The GUID that uniquely identifies an instance of the object.	RefIdType
StudentPersonalRefId	O	The student associated with the NAP event.	IdRefType
PlatformStudentIdentifier	M	Platform student identifier, allocated by the National Assessment Platform to the student registration for this school enrollment.	LocalId
SchoolInfoRefId	O	Optional reference to a school associated with the NAP Event.	IdRefType
SchoolACARAId	M	The ACARA School Id for the school that the student sitting the test is enrolled in, as assigned in the Australian School List.	LocalIdType
NAPTestRefId	O	The GUID for the test that the student is sitting. May be linking to prior codeframe download.	IdRefType
NAPTestLocalId	M	Local identifier of NAP test.	LocalId
SchoolSector	M	(Government, or Non-Government).	AUCodeSetsSchoolSectorCodeType
System	O	System if a systemic school.	AUCodeSetsSchoolSystemType
SchoolGeolocation	O	School Location	AUCodeSetsSchoolLocationType
ReportingSchoolName	O	Name of school where reports will be sent to, in case of walk-ups	xs:normalizedString
NAPJurisdiction	O	School Location	AUCodeSetsNAPJurisdictionType
ParticipationCode	M		AUCodeSetsNAPParticipationCodeType
ParticipationText	M	Text added to reports indicating the participation status of the student for the NAP test. Determined by the Participation Code.	xs:normalizedString
Device	O	Device used to do the test.	xs:token
Date	M	Date student sat test.	xs:date
StartTime	M	Time student commenced test.	xs:time
LapsedTimeTest	M	Time taken for student to complete test.	xs:duration
ExemptionReason	O	Reason given for student to be exempted from the NAP test.	xs:normalizedString

Element/@Attribute	Char	Description	Type
PersonalDetailsChanged	O	Flag that the personal details of the student have changed since registration.	xs:boolean
PSIOtherIdMatch	O	Flag indicating possible Platform Student Identifier error.	xs:boolean
PossibleDuplicate	O	Flag indicating a possible duplicate record for a student.	xs:boolean
DOBRange	O	Flag indicating whether a student's date of birth is in expected range.	xs:boolean
TestDisruptionList	O		TestDisruptionListType
Adjustment	O		AdjustmentContainerType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 3.3.22-1: NAPIEventStudentLink

```

<NAPIEventStudentLink RefId="2014F046-0C95-4613-8ACD-8A6CA8227C7A">
  <StudentPersonalRefId>2F71D7C1-29B2-4FAD-90B7-9FD80DC8804A</StudentPersonalRefId>
  <PlatformStudentIdentifier>R100000004R</PlatformStudentIdentifier>
  <SchoolInfoRefId>19F9C467-D299-4A35-9825-2148BF39DB64</SchoolInfoRefId>
  <SchoolACARAI>21212</SchoolACARAI>
  <NAPTestRefId>5195A2E9-37CE-4F51-AEF2-9095D9CF97FA</NAPTestRefId>
  <NAPTestLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation</NAPTestLocalId>
  <SchoolSector>NG</SchoolSector>
  <System>0001</System>
  <SchoolGeolocation>11</SchoolGeolocation>
  <ReportingSchoolName>Podunk High School</ReportingSchoolName>
  <NAPJurisdiction>1</NAPJurisdiction>
  <ParticipationCode>P</ParticipationCode>
  <ParticipationText>Present</ParticipationText>
  <Device>iPad</Device>
  <Date>2017-06-01</Date>
  <StartTime>09:00:00</StartTime>
  <LapsedTimeTest>PT2H57M32S</LapsedTimeTest>
  <PersonalDetailsChanged>false</PersonalDetailsChanged>
  <PSIOtherIdMatch>false</PSIOtherIdMatch>
  <PossibleDuplicate>false</PossibleDuplicate>
  <DOBRange>false</DOBRange>
</NAPIEventStudentLink>

```

Example 3.3.22-1: NAPIEventStudentLink

3.3.23 NAPStudentResponseSet

Capture of student's responses to a NAP test.

SIF_Events are reported for this object.

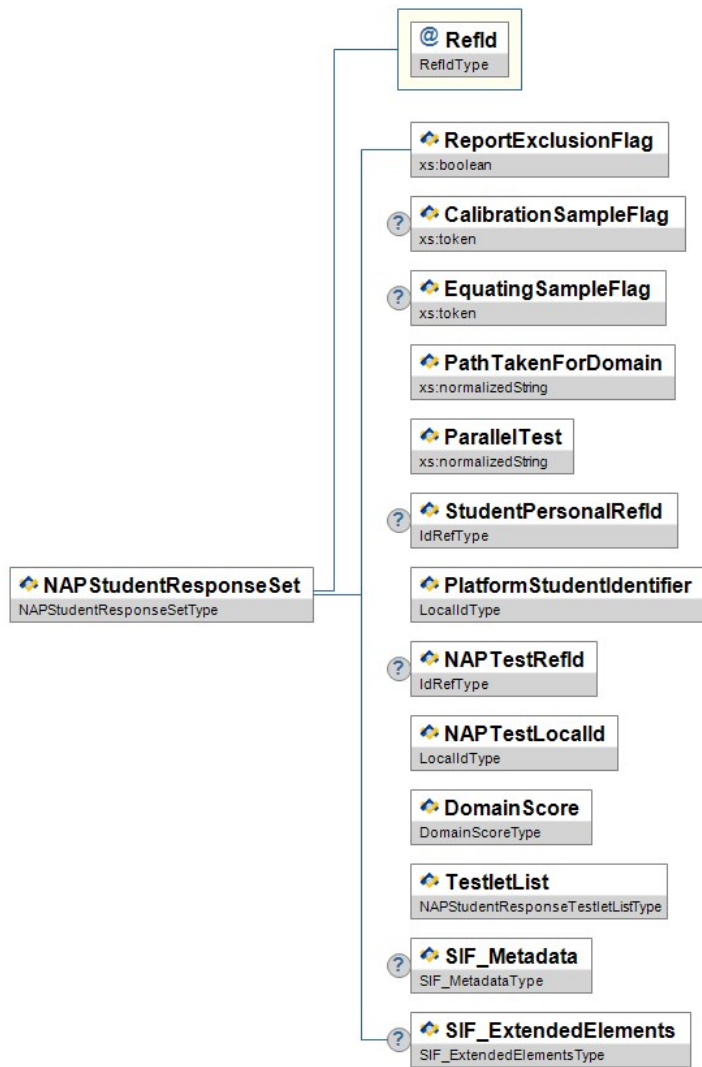



Figure 3.3.23-1: NAPStudentResponseSet

Element/@Attribute	Char	Description	Type
NAPStudentResponseSet		Capture of student's responses to a NAP test.	
@ RefId 	M	The GUID that uniquely identifies an instance of the object.	RefIdType
ReportExclusionFlag	M	Flag to exclude this student's responses from National Reporting.	xs:boolean
CalibrationSampleFlag	O	Flags at student level that the test responses given are to be treated as part of the Calibration Sample.	xs:token
EquatingSampleFlag	O	Flags at student level that the test responses given are to be treated as part of the Equating Sample.	xs:token
PathTakenForDomain	M	Student's trajectory through adaptive test for the domain. Expressed as a sequence of node identifiers.	xs:normalizedString
ParallelTest	M	Student's trajectory through adaptive test for the domain. Expressed as a sequence of testlet identifiers.	xs:normalizedString
StudentPersonalRefId	O	The student associated with the NAP event.	IdRefType

Element/@Attribute	Char	Description	Type
PlatformStudentIdentifier	M	Platform student identifier, allocated by the National Assessment Platform to the student registration for this school enrollment.	LocalId
NAPTestRefId	O	The GUID for the test that the student is sitting. May be linking to prior codeframe download.	IdRefType
NAPTestLocalId	M	Local identifier of NAP test.	LocalId
DomainScore	M		DomainScoreType
TestletList	M		NAPStudentResponseTestletListType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 3.3.23-1: NAPStudentResponseSet

```
<NAPStudentResponseSet RefId="D90E7E40-33B2-44FA-9BA0-FAACA9D95487">
  <ReportExclusionFlag>false</ReportExclusionFlag>
  <CalibrationSampleFlag>false</CalibrationSampleFlag>
  <EquatingSampleFlag>false</EquatingSampleFlag>
  <PathTakenForDomain>A-D-F</PathTakenForDomain>
  <ParallelTest>A0-D1-F0</ParallelTest>
  <StudentPersonalRefId>2F71D7C1-2982-4FAD-9DB7-9FD800C8804A</StudentPersonalRefId>
  <PlatformStudentIdentifier>R100000004R</PlatformStudentIdentifier>
  <NAPTestRefId>615DD32A-A5A2-40A2-A417-187AE8F932EE</NAPTestRefId>
  <NAPTestLocalId>NAPLAN-2017-0001-Reading</NAPTestLocalId>
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    <ScaledScoreValue>440.00</ScaledScoreValue>
    <ScaledScoreLogitValue>20.94</ScaledScoreLogitValue>
    <ScaledScoreStandardError>22.17</ScaledScoreStandardError>
    <ScaledScoreLogitStandardError>20.60</ScaledScoreLogitStandardError>
    <StudentDomainBand>6</StudentDomainBand>
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    <PlausibleScaledValueList>
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        <ItemResponse>
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          <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-00</NAPTestItemLocalId>
          <Response>A</Response>
          <ResponseCorrectness>Correct</ResponseCorrectness>
          <Score>1</Score>
          <LapsedTimeItem>PT50S</LapsedTimeItem>
          <SequenceNumber>1</SequenceNumber>
          <ItemWeight>1</ItemWeight>
        </ItemResponse>
        <ItemResponse>
          <NAPTestItemRefId>04F23B44-17E0-4D34-B321-C2ED8C477D43</NAPTestItemRefId>
          <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-01</NAPTestItemLocalId>
          <Response>C</Response>
          <ResponseCorrectness>Correct</ResponseCorrectness>
          <Score>1</Score>
          <LapsedTimeItem>PT50S</LapsedTimeItem>
          <SequenceNumber>2</SequenceNumber>
          <ItemWeight>1</ItemWeight>
        </ItemResponse>
        <ItemResponse>
          <NAPTestItemRefId>F51E2743-62B0-491A-BE34-B3DC722E4A1F</NAPTestItemRefId>
          <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-02</NAPTestItemLocalId>
          <Response>gKqvdfwIYE</Response>
          <ResponseCorrectness>Correct</ResponseCorrectness>
          <Score>1</Score>
          <LapsedTimeItem>PT50S</LapsedTimeItem>
          <SequenceNumber>3</SequenceNumber>
          <ItemWeight>1</ItemWeight>
        </ItemResponse>
        <ItemResponse>
          <NAPTestItemRefId>859CDE35-4236-47C2-B593-813084D3E67B</NAPTestItemRefId>
          <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-03</NAPTestItemLocalId>
          <Response>A</Response>
          <ResponseCorrectness>Correct</ResponseCorrectness>
          <Score>1</Score>
          <LapsedTimeItem>PT50S</LapsedTimeItem>
          <SequenceNumber>4</SequenceNumber>
          <ItemWeight>1</ItemWeight>
        </ItemResponse>
        <ItemResponse>
          <NAPTestItemRefId>5A45B1B5-05B5-429A-9DA2-9757CCD18B99</NAPTestItemRefId>
          <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-04</NAPTestItemLocalId>
          <Response>isRrns0Ozv</Response>
          <ResponseCorrectness>Incorrect</ResponseCorrectness>
          <Score>0</Score>
          <LapsedTimeItem>PT50S</LapsedTimeItem>
          <SequenceNumber>5</SequenceNumber>
          <ItemWeight>1</ItemWeight>
        </ItemResponse>
        <ItemResponse>
          <NAPTestItemRefId>FC1281E6-0CF0-4E01-B160-C9D83EDB1F97</NAPTestItemRefId>
          <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-05</NAPTestItemLocalId>
          <Response>A</Response>
          <ResponseCorrectness>Correct</ResponseCorrectness>
          <Score>1</Score>
          <LapsedTimeItem>PT50S</LapsedTimeItem>
          <SequenceNumber>6</SequenceNumber>
          <ItemWeight>1</ItemWeight>
        </ItemResponse>
        <ItemResponse>
          <NAPTestItemRefId>A7F24BCE-4663-40CB-8587-24135B90345A</NAPTestItemRefId>
          <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-06</NAPTestItemLocalId>
          <Response>C</Response>
          <ResponseCorrectness>Correct</ResponseCorrectness>
          <Score>1</Score>
          <LapsedTimeItem>PT50S</LapsedTimeItem>
          <SequenceNumber>7</SequenceNumber>
          <ItemWeight>1</ItemWeight>
        </ItemResponse>
        <ItemResponse>
          <NAPTestItemRefId>7ABC7320-56C2-401E-B287-EFD7D1E90E12</NAPTestItemRefId>
          <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-07</NAPTestItemLocalId>
          <Response>D</Response>
          <ResponseCorrectness>Correct</ResponseCorrectness>
          <Score>1</Score>
          <LapsedTimeItem>PT50S</LapsedTimeItem>
          <SequenceNumber>8</SequenceNumber>
          <ItemWeight>1</ItemWeight>
        </ItemResponse>
        <ItemResponse>
          <NAPTestItemRefId>B2BC0819-E52A-46C9-BD40-CD4576756746</NAPTestItemRefId>
          <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-08</NAPTestItemLocalId>
          <Response>B</Response>
          <ResponseCorrectness>Correct</ResponseCorrectness>
          <Score>1</Score>
          <LapsedTimeItem>PT50S</LapsedTimeItem>
          <SequenceNumber>9</SequenceNumber>
          <ItemWeight>1</ItemWeight>
        </ItemResponse>
        <ItemResponse>
          <NAPTestItemRefId>ECF369FB-F7D6-4DB7-B76B-AA598E4C4981</NAPTestItemRefId>
          <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-09</NAPTestItemLocalId>
          <Response>B</Response>

```

```
<ResponseCorrectness>Correct</ResponseCorrectness>
<Score>1</Score>
<LapsedTimeItem>PT50S</LapsedTimeItem>
<SequenceNumber>10</SequenceNumber>
<ItemWeight>1</ItemWeight>
</ItemResponse>
<ItemResponse>
  <NAPTestItemRefId>EDCC84CA-78D7-41CC-9C82-7E5DEA8F35AA</NAPTestItemRefId>
  <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-10</NAPTestItemLocalId>
  <Response>aF0mmNEcv</Response>
  <ResponseCorrectness>Correct</ResponseCorrectness>
  <Score>1</Score>
  <LapsedTimeItem>PT50S</LapsedTimeItem>
  <SequenceNumber>11</SequenceNumber>
  <ItemWeight>1</ItemWeight>
</ItemResponse>
<ItemResponse>
  <NAPTestItemRefId>7786117B-2C8E-4004-A38E-EE3858FCE1B7</NAPTestItemRefId>
  <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-A-00-11</NAPTestItemLocalId>
  <Response>iIauaAgmYC</Response>
  <ResponseCorrectness>Correct</ResponseCorrectness>
  <Score>1</Score>
  <LapsedTimeItem>PT50S</LapsedTimeItem>
  <SequenceNumber>12</SequenceNumber>
  <ItemWeight>1</ItemWeight>
</ItemResponse>
</ItemResponseList>
</Testlet>
<TestletRefId>953CDBD8-B5F2-4703-A4AB-3B394A3C228</NAPTestletRefId>
<NAPTestletLocalId>NAPLAN-2017-0001-Reading-D-01</NAPTestletLocalId>
<TestletSubScore>11</TestletSubScore>
<ItemResponseList>
  <ItemResponse>
    <NAPTestItemRefId>8B89C8B9-6C05-42BA-A9D1-321879A34241</NAPTestItemRefId>
    <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-D-01-00</NAPTestItemLocalId>
    <Response>ZENYKckmR</Response>
    <ResponseCorrectness>Correct</ResponseCorrectness>
    <Score>1</Score>
    <LapsedTimeItem>PT50S</LapsedTimeItem>
    <SequenceNumber>1</SequenceNumber>
    <ItemWeight>1</ItemWeight>
  </ItemResponse>
  <ItemResponse>
    <NAPTestItemRefId>854F56CE-C30F-49D3-AD15-9774D5113519</NAPTestItemRefId>
    <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-D-01-01</NAPTestItemLocalId>
    <Response>C</Response>
    <ResponseCorrectness>Correct</ResponseCorrectness>
    <Score>1</Score>
    <LapsedTimeItem>PT50S</LapsedTimeItem>
    <SequenceNumber>2</SequenceNumber>
    <ItemWeight>1</ItemWeight>
  </ItemResponse>
  <ItemResponse>
    <NAPTestItemRefId>7258B5BD-38E8-41A2-B27E-A89624DBCEC1</NAPTestItemRefId>
    <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-D-01-02</NAPTestItemLocalId>
    <Response>A</Response>
    <ResponseCorrectness>Correct</ResponseCorrectness>
    <Score>1</Score>
    <LapsedTimeItem>PT50S</LapsedTimeItem>
    <SequenceNumber>3</SequenceNumber>
    <ItemWeight>1</ItemWeight>
  </ItemResponse>
  <ItemResponse>
    <NAPTestItemRefId>BB94CCDD-21BD-4386-B252-B5F628C32F80</NAPTestItemRefId>
    <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-D-01-03</NAPTestItemLocalId>
    <Response>A</Response>
    <ResponseCorrectness>Correct</ResponseCorrectness>
    <Score>1</Score>
    <LapsedTimeItem>PT50S</LapsedTimeItem>
    <SequenceNumber>4</SequenceNumber>
    <ItemWeight>1</ItemWeight>
  </ItemResponse>
  <ItemResponse>
    <NAPTestItemRefId>BD1F3E74-9362-4094-8902-FD865F76CB70</NAPTestItemRefId>
    <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-D-01-04</NAPTestItemLocalId>
    <Response>D</Response>
    <ResponseCorrectness>Correct</ResponseCorrectness>
    <Score>1</Score>
    <LapsedTimeItem>PT50S</LapsedTimeItem>
    <SequenceNumber>5</SequenceNumber>
    <ItemWeight>1</ItemWeight>
  </ItemResponse>
  <ItemResponse>
    <NAPTestItemRefId>D3D22E43-C431-48F5-BAD6-723C923C864C</NAPTestItemRefId>
    <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-D-01-05</NAPTestItemLocalId>
    <Response>A</Response>
    <ResponseCorrectness>Correct</ResponseCorrectness>
    <Score>1</Score>
    <LapsedTimeItem>PT50S</LapsedTimeItem>
    <SequenceNumber>6</SequenceNumber>
    <ItemWeight>1</ItemWeight>
  </ItemResponse>
  <ItemResponse>
    <NAPTestItemRefId>A5663CC8-27E3-4830-926C-3349465DAEE3</NAPTestItemRefId>
    <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-D-01-06</NAPTestItemLocalId>
    <Response>C</Response>
    <ResponseCorrectness>Correct</ResponseCorrectness>
    <Score>1</Score>
    <LapsedTimeItem>PT50S</LapsedTimeItem>
    <SequenceNumber>7</SequenceNumber>
    <ItemWeight>1</ItemWeight>
  </ItemResponse>
  <ItemResponse>
    <NAPTestItemRefId>DCA323A6-3829-4942-A979-C594E363277D</NAPTestItemRefId>
    <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-D-01-07</NAPTestItemLocalId>
    <Response>NtIYmIMC</Response>
    <ResponseCorrectness>Correct</ResponseCorrectness>
    <Score>1</Score>
    <LapsedTimeItem>PT50S</LapsedTimeItem>
    <SequenceNumber>8</SequenceNumber>
    <ItemWeight>1</ItemWeight>
  </ItemResponse>
  <ItemResponse>
    <NAPTestItemRefId>35B98745-B527-4662-8891-CA12BED0E480</NAPTestItemRefId>
    <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-D-01-08</NAPTestItemLocalId>
    <Response>FfnySwRyen</Response>
    <ResponseCorrectness>Incorrect</ResponseCorrectness>
    <Score>0</Score>
    <LapsedTimeItem>PT50S</LapsedTimeItem>
    <SequenceNumber>9</SequenceNumber>
    <ItemWeight>1</ItemWeight>
  </ItemResponse>
  <ItemResponse>
    <NAPTestItemRefId>34A77184-276A-4C8B-BDA7-8E9D5446C74A</NAPTestItemRefId>
    <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-D-01-09</NAPTestItemLocalId>
    <Response>D</Response>
  </ItemResponse>
</ItemResponseList>
```



```
<ResponseCorrectness>Correct</ResponseCorrectness>
<Score>1</Score>
<LapsedTimeItem>PT50S</LapsedTimeItem>
<SequenceNumber>10</SequenceNumber>
<ItemWeight>1</ItemWeight>
</ItemResponse>
<ItemResponse>
  <NAPTestItemRefId>B1E5EE81-6E58-4F71-9583-F1DDDE235892</NAPTestItemRefId>
  <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-D-01-10</NAPTestItemLocalId>
  <Response>0lHtaQNH0K</Response>
  <ResponseCorrectness>Correct</ResponseCorrectness>
  <Score>1</Score>
  <LapsedTimeItem>PT50S</LapsedTimeItem>
  <SequenceNumber>11</SequenceNumber>
  <ItemWeight>1</ItemWeight>
</ItemResponse>
<ItemResponse>
  <NAPTestItemRefId>ED1E5813-782C-4BF7-8E83-3F0893C2F856</NAPTestItemRefId>
  <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-D-01-11</NAPTestItemLocalId>
  <Response>C</Response>
  <ResponseCorrectness>Correct</ResponseCorrectness>
  <Score>1</Score>
  <LapsedTimeItem>PT50S</LapsedTimeItem>
  <SequenceNumber>12</SequenceNumber>
  <ItemWeight>1</ItemWeight>
</ItemResponse>
</ItemResponseList>
</Testlet>
<Testlet>
  <NAPTestletRefId>CC94B00C-5AAE-4B24-A58E-A4C4B04D0FD4</NAPTestletRefId>
  <NAPTestletLocalId>NAPLAN-2017-0001-Reading-F-00</NAPTestletLocalId>
  <TestletSubScore>8</TestletSubScore>
  <ItemResponseList>
    <ItemResponse>
      <NAPTestItemRefId>D9AC94C9-461B-4E6D-9005-FCE134C58F3E</NAPTestItemRefId>
      <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-F-00-00</NAPTestItemLocalId>
      <Response>B</Response>
      <ResponseCorrectness>Correct</ResponseCorrectness>
      <Score>1</Score>
      <LapsedTimeItem>PT50S</LapsedTimeItem>
      <SequenceNumber>1</SequenceNumber>
      <ItemWeight>1</ItemWeight>
    </ItemResponse>
    <ItemResponse>
      <NAPTestItemRefId>B4603868-3026-4043-A1E9-83C1D663392D</NAPTestItemRefId>
      <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-F-00-01</NAPTestItemLocalId>
      <Response>cGrURFLQJ</Response>
      <ResponseCorrectness>Incorrect</ResponseCorrectness>
      <Score>0</Score>
      <LapsedTimeItem>PT50S</LapsedTimeItem>
      <SequenceNumber>2</SequenceNumber>
      <ItemWeight>1</ItemWeight>
    </ItemResponse>
    <ItemResponse>
      <NAPTestItemRefId>FB38C594-F4E4-4469-BBE5-4AF302171075</NAPTestItemRefId>
      <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-F-00-02</NAPTestItemLocalId>
      <Response>wMrVIUEf</Response>
      <ResponseCorrectness>Correct</ResponseCorrectness>
      <Score>1</Score>
      <LapsedTimeItem>PT50S</LapsedTimeItem>
      <SequenceNumber>3</SequenceNumber>
      <ItemWeight>1</ItemWeight>
    </ItemResponse>
    <ItemResponse>
      <NAPTestItemRefId>35732438-2182-4581-9059-04FCB3567637</NAPTestItemRefId>
      <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-F-00-03</NAPTestItemLocalId>
      <Response>hZtAe1lwR</Response>
      <ResponseCorrectness>Incorrect</ResponseCorrectness>
      <Score>0</Score>
      <LapsedTimeItem>PT50S</LapsedTimeItem>
      <SequenceNumber>4</SequenceNumber>
      <ItemWeight>1</ItemWeight>
    </ItemResponse>
    <ItemResponse>
      <NAPTestItemRefId>602ECE01-57B0-48ED-90A5-070AC7ED6CC</NAPTestItemRefId>
      <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-F-00-04</NAPTestItemLocalId>
      <Response>ufSagjIuzw</Response>
      <ResponseCorrectness>Correct</ResponseCorrectness>
      <Score>1</Score>
      <LapsedTimeItem>PT50S</LapsedTimeItem>
      <SequenceNumber>5</SequenceNumber>
      <ItemWeight>1</ItemWeight>
    </ItemResponse>
    <ItemResponse>
      <NAPTestItemRefId>8B7CCBE1-E9CB-4AAC-97F1-5140CEF41CDA</NAPTestItemRefId>
      <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-F-00-05</NAPTestItemLocalId>
      <Response>eAnZr0bhev</Response>
      <ResponseCorrectness>Correct</ResponseCorrectness>
      <Score>1</Score>
      <LapsedTimeItem>PT50S</LapsedTimeItem>
      <SequenceNumber>6</SequenceNumber>
      <ItemWeight>1</ItemWeight>
    </ItemResponse>
    <ItemResponse>
      <NAPTestItemRefId>FD382A1F-D98D-4202-8DEE-99D11B230E78</NAPTestItemRefId>
      <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-F-00-06</NAPTestItemLocalId>
      <Response>GLMPTIYIO</Response>
      <ResponseCorrectness>Correct</ResponseCorrectness>
      <Score>1</Score>
      <LapsedTimeItem>PT50S</LapsedTimeItem>
      <SequenceNumber>7</SequenceNumber>
      <ItemWeight>1</ItemWeight>
    </ItemResponse>
    <ItemResponse>
      <NAPTestItemRefId>316EDF8E-9E96-4979-8B3A-EE38B0A5258</NAPTestItemRefId>
      <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-F-00-07</NAPTestItemLocalId>
      <Response>WwIVewqTV</Response>
      <ResponseCorrectness>Incorrect</ResponseCorrectness>
      <Score>0</Score>
      <LapsedTimeItem>PT50S</LapsedTimeItem>
      <SequenceNumber>8</SequenceNumber>
      <ItemWeight>1</ItemWeight>
    </ItemResponse>
    <ItemResponse>
      <NAPTestItemRefId>354069AF-929D-431B-A297-D3B78E356476</NAPTestItemRefId>
      <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-F-00-08</NAPTestItemLocalId>
      <Response>cAIJHatCZI</Response>
      <ResponseCorrectness>NotInPath</ResponseCorrectness>
      <Score>0</Score>
      <LapsedTimeItem>PT50S</LapsedTimeItem>
      <SequenceNumber>9</SequenceNumber>
      <ItemWeight>1</ItemWeight>
    </ItemResponse>
    <ItemResponse>
      <NAPTestItemRefId>31CF0277-5AED-4D0D-BF5C-2235F7B4F674</NAPTestItemRefId>
      <NAPTestItemLocalId>NAPLAN-2017-0001-Reading-F-00-09</NAPTestItemLocalId>
      <Response>ZCCskdAXf</Response>

```

```

<ResponseCorrectness>Correct</ResponseCorrectness>
<Score>1</Score>
<LapsedTimeItem>PT50S</LapsedTimeItem>
<SequenceNumber>10</SequenceNumber>
<ItemWeight>1</ItemWeight>
</ItemResponse>
<ItemResponse>
<NAPTestItemRefId>D91F3243-134C-4BA4-9F4B-E02D65671401</NAPTestItemRefId>
<NAPTestItemLocalId>NAPLAN-2017-0001-Reading-F-00-10</NAPTestItemLocalId>
<Response>nKImzEMCpy</Response>
<ResponseCorrectness>Correct</ResponseCorrectness>
<Score>1</Score>
<LapsedTimeItem>PT50S</LapsedTimeItem>
<SequenceNumber>11</SequenceNumber>
<ItemWeight>1</ItemWeight>
</ItemResponse>
<ItemResponse>
<NAPTestItemRefId>EB7B780E-2C64-430E-9F44-B52DCD273E04</NAPTestItemRefId>
<NAPTestItemLocalId>NAPLAN-2017-0001-Reading-F-00-11</NAPTestItemLocalId>
<Response>B</Response>
<ResponseCorrectness>Correct</ResponseCorrectness>
<Score>1</Score>
<LapsedTimeItem>PT50S</LapsedTimeItem>
<SequenceNumber>12</SequenceNumber>
<ItemWeight>1</ItemWeight>
</ItemResponse>
</ItemResponseList>
</Testlet>
</TestletList>
</NAPStudentResponseSet>

```

Example 3.3.23-1: NAPStudentResponseSet

3.3.24 NAPTest

This object represents an assessment assigned in the context of NAP, targeted at a particular domain and year level.

SIF_Events are reported for this object.

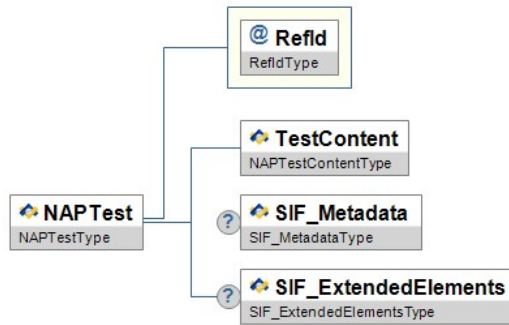


Figure 3.3.24-1: NAPTest

Element/@Attribute	Char	Description	Type
NAPTest		This object represents an assessment assigned in the context of NAP, targeted at a particular domain and year level.	
@ RefId	M	The GUID that uniquely identifies an instance of the object.	RefIdType
TestContent	M		NAPTestContentType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 3.3.24-1: NAPTest

```

<NAPTest RefId="27BD7B5B-19F2-48A9-B645-FD6569E7654E">
  <TestContent>
    <NAPTestLocalId>NAPLAN-2017-0001-Reading</NAPTestLocalId>
    <TestName>NAPLAN Reading Yr 3, 2017</TestName>
    <TestLevel>
      <Code>3</Code>
    </TestLevel>
    <TestType>Normal</TestType>
    <Domain>Reading</Domain>
    <TestYear>2017</TestYear>
    <StagesCount>3</StagesCount>
    <DomainBands>
      <Band1Lower>0</Band1Lower>
      <Band1Upper>258</Band1Upper>
      <Band2Lower>258</Band2Lower>
      <Band2Upper>318</Band2Upper>
      <Band3Lower>318</Band3Lower>
      <Band3Upper>368</Band3Upper>
      <Band4Lower>368</Band4Lower>
      <Band4Upper>417</Band4Upper>
      <Band5Lower>417</Band5Lower>
      <Band5Upper>466</Band5Upper>
      <Band6Lower>466</Band6Lower>
      <Band6Upper>526</Band6Upper>
      <Band7Lower>526</Band7Lower>
      <Band7Upper>574</Band7Upper>
      <Band8Lower>574</Band8Lower>
      <Band8Upper>633</Band8Upper>
      <Band9Lower>633</Band9Lower>
      <Band9Upper>681</Band9Upper>
      <Band10Lower>681</Band10Lower>
      <Band10Upper>999</Band10Upper>
    </DomainBands>
    <DomainProficiency>
      <Level1Lower>10</Level1Lower>
      <Level1Upper>20</Level1Upper>
      <Level2Lower>30</Level2Lower>
      <Level2Upper>40</Level2Upper>
      <Level3Lower>50</Level3Lower>
      <Level3Upper>60</Level3Upper>
      <Level4Lower>70</Level4Lower>
      <Level4Upper>80</Level4Upper>
    </DomainProficiency>
  </TestContent>
</NAPTest>

```

Example 3.3.24-1: NAPTest

3.3.25 NAPTestItem

This object represents the description of a test item as context for response; may be exemplar item instead of the actual item.

SIF_Events are reported for this object.

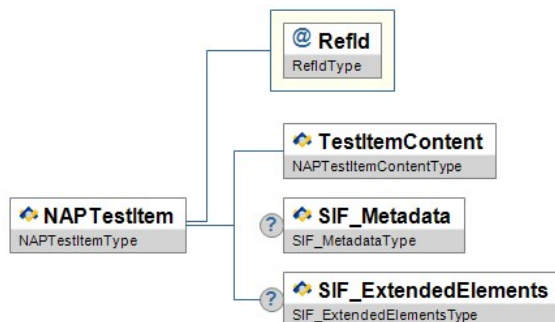


Figure 3.3.25-1: NAPTestItem

Element/@Attribute	Char	Description	Type
NAPTestItem		This object represents the description of a test item as context for response; may be exemplar item instead of the actual item.	
@ RefId	M	The GUID that uniquely identifies an instance of the object.	RefIdType
TestItemContent	M		NAPTestItemContentType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 3.3.25-1: NAPTestItem

```

<NAPTestItem RefId="31CA1A02-4E53-4A29-AE1E-807489C30827">
  <TestItemContent>
    <NAPTestItemLocalId>NAPLAN-2017-0005-Language Conventions: Spelling-S2-01-01</NAPTestItemLocalId>
    <ItemType>MC</ItemType>
    <Subdomain>Spelling</Subdomain>
    <ItemDescriptor>Descriptor #1</ItemDescriptor>
    <ReleasedStatus>false</ReleasedStatus>
    <MarkingType>A5</MarkingType>
    <MultipleChoiceOptionCount>4</MultipleChoiceOptionCount>
    <CorrectAnswer>7</CorrectAnswer>
    <MaximumScore>1</MaximumScore>
    <ItemDifficulty>3</ItemDifficulty>
    <ItemDifficultyLogit5>.8</ItemDifficultyLogit5>
    <ItemDifficultyLogit62>.9</ItemDifficultyLogit62>
    <ItemDifficultyLogit55E>.8</ItemDifficultyLogit55E>
    <ItemDifficultyLogit62SE>.9</ItemDifficultyLogit62SE>
    <ItemProficiencyBand>3</ItemProficiencyBand>
    <ItemProficiencyLevel>C</ItemProficiencyLevel>
    <ExemplarURL>http://example.com/n3.xml</ExemplarURL>
    <ContentDescriptionList>
      <ContentDescription>MNA32</ContentDescription>
      <ContentDescription>MNA37</ContentDescription>
    </ContentDescriptionList>
  </TestItemContent>
</NAPTestItem>

```

Example 3.3.25-1: NAPTestItem

3.3.26 NAPTestlet

This object represents a student's attempt to undergo NAP assessment in a particular test.

SIF_Events are reported for this object.

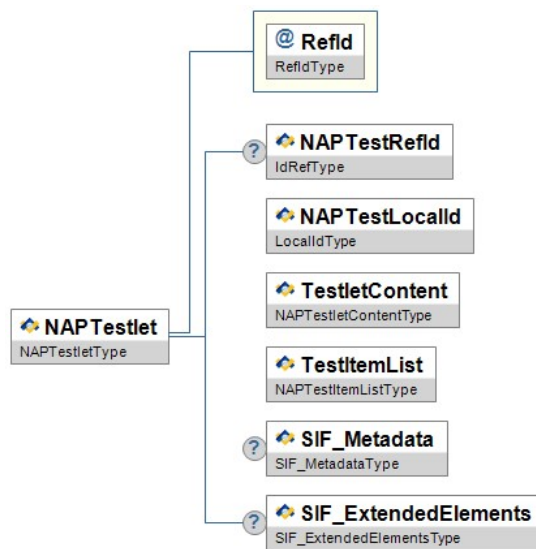


Figure 3.3.26-1: NAPTestlet

Element/@Attribute	Char	Description	Type
NAPTestlet		This object represents a student's attempt to undergo NAP assessment in a particular test.	
@ RefId	M	The GUID that uniquely identifies an instance of the object.	RefIdType
NAPTestRefId	O	The GUID for the test that the student is sitting. May be linking to prior codeframe download.	IdRefType
NAPTestLocalId	M	Local identifier of NAP test.	LocalId
TestletContent	M		NAPTestletContentType
TestItemList	M	List of test items contained in the testlet.	NAPTestItemListType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 3.3.26-1: NAPTestlet

```

<NAPTestlet RefId="42DE5F3F-DA32-4DA6-8966-4C8FA176E4B4">
  <NAPTestRefId>FBB8A444-1891-4701-B306-F3CED219369C</NAPTestRefId>
  <NAPTestLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation</NAPTestLocalId>
  <TestletContent>
    <NAPTestletLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00</NAPTestletLocalId>
    <TestletName>Testlet C-1 for Language Conventions: Grammar and Punctuation Yr 3</TestletName>
    <Node>C</Node>
    <LocationInStage>1</LocationInStage>
    <TestletMaximumScore>12</TestletMaximumScore>
  </TestletContent>
  <TestItemList>
    <TestItem>
      <TestItemRefId>C77240DF-6E21-4774-AD1D-9454D5F60758</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-00</TestItemLocalId>
      <SequenceNumber>1</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>1C4016D1-AAAA-4034-BE8A-0CDE847B2EC7</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-01</TestItemLocalId>
      <SequenceNumber>2</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>3CCD15F4-BAF5-4192-A361-3C4184AB4FC8</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-02</TestItemLocalId>
      <SequenceNumber>3</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>66602398-5EC9-46E4-BCE6-E8917F49EE56</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-03</TestItemLocalId>
      <SequenceNumber>4</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>D1A5A9F2-43FB-40BB-A88F-71A079C5450D</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-04</TestItemLocalId>
      <SequenceNumber>5</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>3D253985-4021-4188-BD20-992EEA886535</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-05</TestItemLocalId>
      <SequenceNumber>6</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>D5839AE5-B134-4909-A581-F69205F2682A</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-06</TestItemLocalId>
      <SequenceNumber>7</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>E5537981-2898-46DE-BC1C-3CEC4AFF9468</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-07</TestItemLocalId>
      <SequenceNumber>8</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>900CC548-23FE-49B5-ADCD-25854FBFA995</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-08</TestItemLocalId>
      <SequenceNumber>9</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>476FE04D-81CA-4C08-A555-60463F0DC918</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-09</TestItemLocalId>
      <SequenceNumber>10</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>217B9585-2D66-4270-ABD4-2AD57E745385</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-10</TestItemLocalId>
      <SequenceNumber>11</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>982D24CB-A976-4AD1-B9D5-5CD4C09F8C00</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-11</TestItemLocalId>
      <SequenceNumber>12</SequenceNumber>
    </TestItem>
  </TestItemList>
</NAPTestlet>

```

Example 3.3.26-1: NAPTestlet

3.3.27 NAPTestScoreSummary

This object represents the summary of aggregate scores in a NAP test for a school.

SIF_Events are reported for this object.

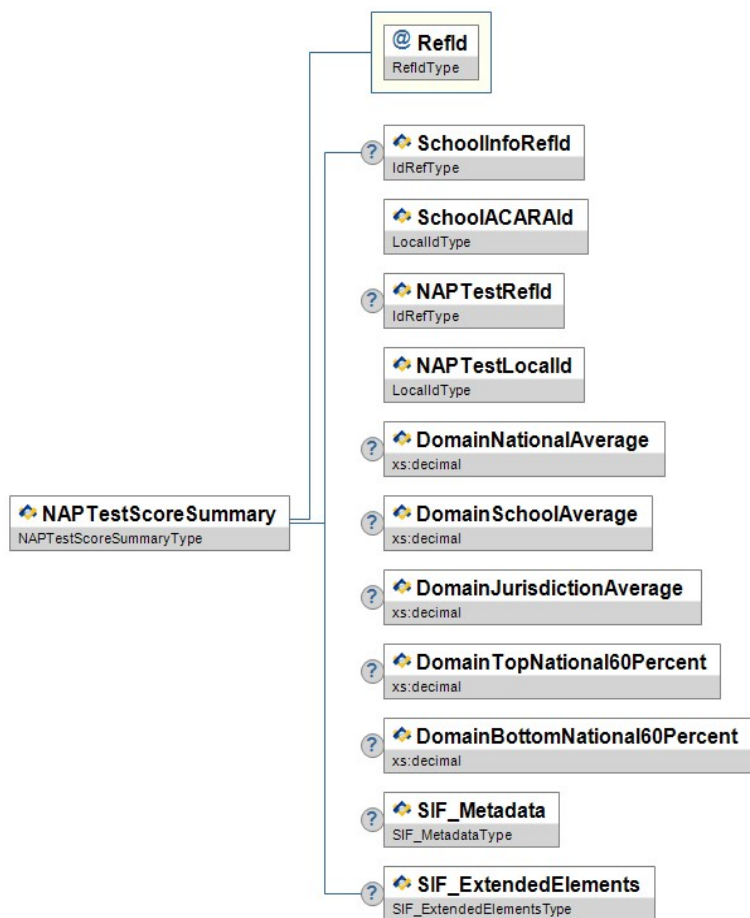


Figure 3.3.27-1: NAPTestScoreSummary

Element/@Attribute	Char	Description	Type
NAPTestScoreSummary		This object represents a the summary of aggregate scores in a NAP test for a school.	
@ RefId	M	The GUID that uniquely identifies an instance of the object.	RefIdType
SchoolInfoRefId	O	Optional reference to a school associated with the administration of the NAP Test.	IdRefType
SchoolACARAId	M	The ACARA School Id as assigned in the Australian School List.	LocalIdType
NAPTestRefId	O	The GUID for the NAP Test. May be linking to prior codeframe download.	IdRefType
NAPTestLocalId	M	Local identifier of NAP test.	LocalId
DomainNationalAverage	O	The numeric value of the national student scaled score average for the NAP domain and test level.	xs:decimal
DomainSchoolAverage	O	The numeric value of the school student scaled score average for the NAP domain and test level.	xs:decimal
DomainJurisdictionAverage	O	The numeric value of the jurisdiction student scaled score average for the NAP domain and test level.	xs:decimal
DomainTopNational60Percent	O	The numeric value representing the top scaled score of the National 60% band graphic for this NAP domain and test level.	xs:decimal

Element/@Attribute	Char	Description	Type
DomainBottomNational60Percent	O	The numeric value representing the bottom scaled score of the National 60% band graphic for this NAP domain and test level.	xs:decimal
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 3.3.27-1: NAPTestScoreSummary

```
<NAPTestScoreSummary RefId="E2721E52-7661-4A51-BF16-B4CAF12DC2F8">
  <SchoolInfoRefId>A35CE161-BFDB-4460-952B-7F87789A739C</SchoolInfoRefId>
  <SchoolACARAIId>21212</SchoolACARAIId>
  <NAPTestRefId>FB8A444-1891-4701-B306-F3CED219369C</NAPTestRefId>
  <NAPTestLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation</NAPTestLocalId>
  <DomainNationalAverage>399</DomainNationalAverage>
  <DomainSchoolAverage>404</DomainSchoolAverage>
  <DomainJurisdictionAverage>402</DomainJurisdictionAverage>
  <DomainTopNational60Percent>416</DomainTopNational60Percent>
  <DomainBottomNational60Percent>376</DomainBottomNational60Percent>
</NAPTestScoreSummary>
```

Example 3.3.27-1: NAPTestScoreSummary

3.3.28 PaymentReceipt

This object complements the Invoice object, and contains information about the payment of a Invoice object.

SIF_Events are reported for this object.

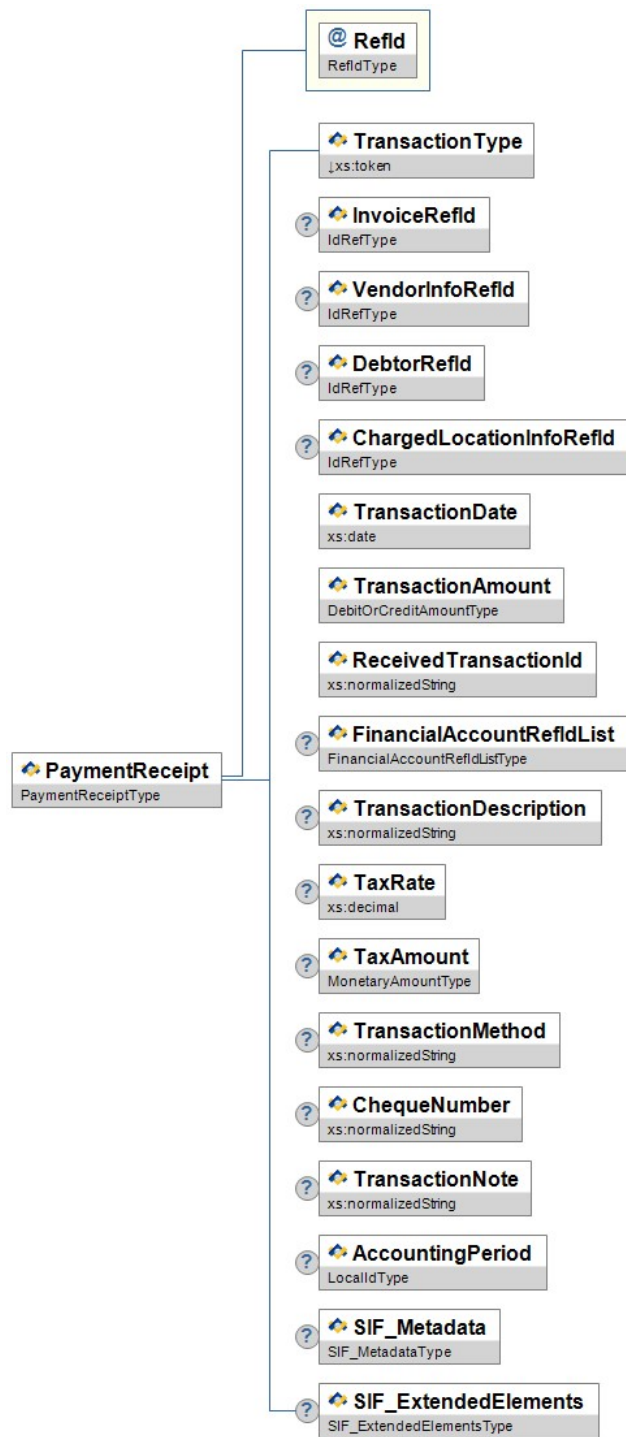


Figure 3.3.28-1: PaymentReceipt

Element/@Attribute	Char	Description	Type
PaymentReceipt		This object complements the Invoice object, and contains information about the payment of a Invoice object.	
@ RefId	M	GUID for this payment or receipt. The application that owns this object is responsible for generating this unique Id.	RefIdType
TransactionType	M	Type of transaction.	values: GL receipt GL payment Creditor receipt Creditor payment Debtor receipt Debtor payment

Element/@Attribute	Char	Description	Type
InvoiceRefId	O	A pointer back to the Invoice object corresponding to this payment. Is omitted for general ledger transactions, creditor receipts and debtor payments.	IdRefType
VendorInfoRefId	O	A pointer back to the vendor associated with the Invoice object, if applicable.	IdRefType
DebtorRefId	O	A pointer back to the debtor associated with the Invoice object, if applicable.	IdRefType
ChargedLocationInfoRefId	O	Id of the location billed for this transaction.	IdRefType
TransactionDate	M	Date transaction was made.	xs:date
TransactionAmount	M	Amount received.	DebitOrCreditAmountType
ReceivedTransactionId	M	Memo transaction Id from other vendor software.	xs:normalizedString
FinancialAccountRefIdList	O		FinancialAccountRefIdListType
TransactionDescription	O	Description of the transaction.	xs:normalizedString
TaxRate	O	Rate of tax included in the billed amount.	xs:decimal
TaxAmount	O	Amount of tax included in the billed amount.	MonetaryAmountType
TransactionMethod	O	Method through which transaction was made (e.g. cash, credit card). If a receipt is made using two receipt methods (e.g. \$20 in cash and \$80 on credit), two PaymentReceipt objects are expected to be created, rather than a single object with mixed receipt method.	xs:normalizedString
ChequeNumber	O	The cheque number issued, if paying creditors by cheque.	xs:normalizedString
TransactionNote	O	Note about the receipt or payment.	xs:normalizedString
AccountingPeriod	O	The accounting period against which the transaction is billed.	LocalIdType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.28-1: PaymentReceipt

```

<PaymentReceipt RefId="EDF4985A-BC34-58FE-DA75-493AB3812345">
  <TransactionType>GL payment</TransactionType>
  <InvoiceRefId>CA123458-47DE-A974-63FE-B238759FD123</InvoiceRefId>
  <TransactionDate>1999-10-20</TransactionDate>
  <TransactionAmount Currency="AUD" Type="Debit">50.00</TransactionAmount>
  <ReceivedTransactionId>XYZZY</ReceivedTransactionId>
  <FinancialAccountRefIdList>
    <FinancialAccountRefId>ED12345F-DA84-9727-5BC2-8AA349003721</FinancialAccountRefId>
  </FinancialAccountRefIdList>
</PaymentReceipt>

```

Example 3.3.28-1: PaymentReceipt

3.3.29 PersonPicture

This object contains information about the person's picture.

SIF_Events are reported for this object.

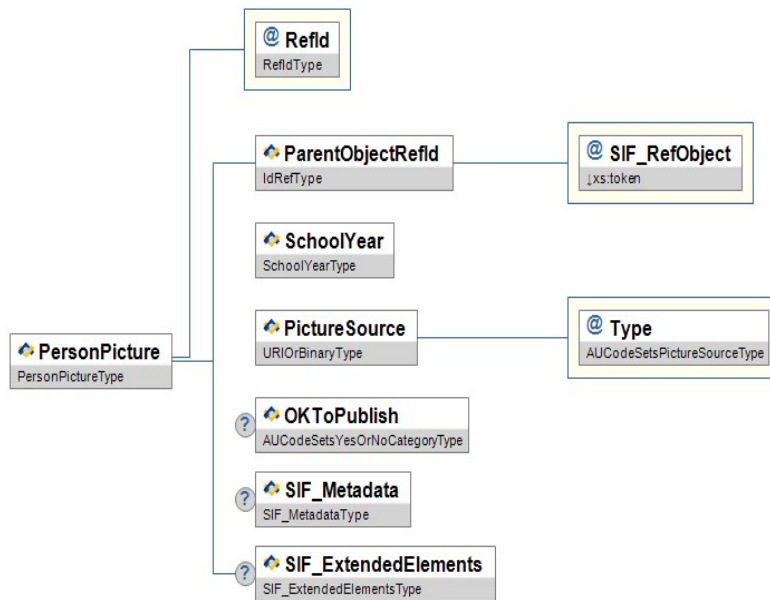


Figure 3.3.29-1: PersonPicture

Element/@Attribute	Char	Description	Type
PersonPicture		This object contains information about the person's picture.	
@ RefId	M	The ID (GUID) that uniquely identifies the picture.	RefIdType
ParentObjectRefId	M	The GUID of the personal object to which this picture is linked	IdRefType
@ SIF_RefObject	M	The name of the object reference.	values: StudentPersonal StaffPersonal StudentContactPersonal
SchoolYear	M	School year for which this enrollment is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007).	SchoolYearType
PictureSource	M	This element defines the picture. If the Type attribute is URL, this is the location of the picture in [JPEG] format; if Type is JPEG, this is the [JPEG] image data encoded using the Base64 Content-Transfer-Encoding defined in Section 6.8 of [RFC 2045].	URIOrBinaryType
@ Type	M	The way the picture is specified.	AUCodeSetsPictureSourceType
OKToPublish	O	Can the picture be published?	AUCodeSetsYesOrNoCategoryType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.29-1: PersonPicture

```

<PersonPicture RefId="D3E34835-9D75-101A-8C3D-00AA001A1652">
  <ParentObjectRefId SIF_RefObject="StudentPersonal">AA648462-8886-24AA-5294-BC638017320B</ParentObjectRefId>
  <SchoolYear>2007</SchoolYear>
  <PictureSource Type="01">http://www.schoolsite.com/pictures/2007/1234.jpg </PictureSource>
  <OKToPublish>Y</OKToPublish>
</PersonPicture>

```

Example 3.3.29-1: PersonPicture

3.3.30 PurchaseOrder

This object provides information down to the line item level for purchase orders.

SIF_Events are reported for this object.

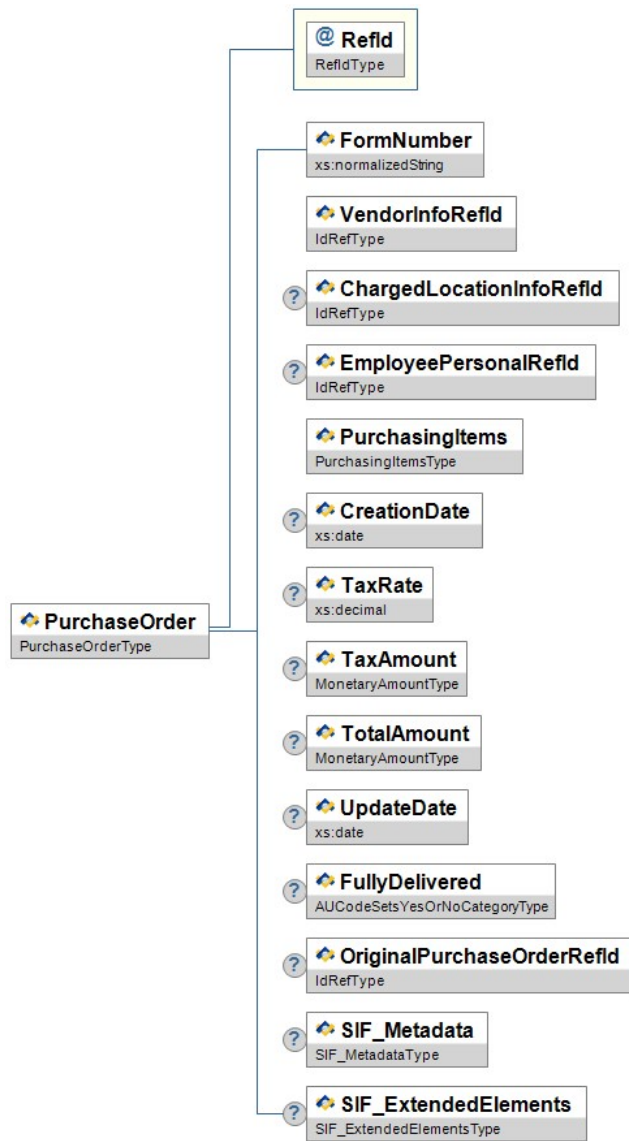


Figure 3.3.30-1: PurchaseOrder

Element/@Attribute	Char	Description	Type
PurchaseOrder		This object provides information down to the line item level for purchase orders.	
@ RefId	M	Transaction GUID for this purchasing activity. The application that owns this object and is responsible for generating this unique Id.	RefIdType
FormNumber	M	Purchase order number.	xs:normalizedString
VendorInfoRefId	M	This object references the VendorInfo object being billed.	IdRefType
ChargedLocationInfoRefId	O	The location Id for this purchasing activity.	IdRefType
EmployeePersonalRefId	O	The employee Id for the originator of this purchasing activity.	IdRefType
PurchasingItems	M		PurchasingItemsType
CreationDate	O	Date on which purchase order was created.	xs:date

Element/@Attribute	Char	Description	Type
TaxRate	O	Rate of tax included in the billed amount.	xs:decimal
TaxAmount	O	Amount of tax included in the billed amount.	MonetaryAmountType
TotalAmount	O	Total amount billed.	MonetaryAmountType
UpdateDate	O	Date on which the object was last updated.	xs:date
FullyDelivered	O	Flag that order has been fully delivered.	AUCodeSetsYesOrNoCategoryType
OriginalPurchaseOrderRefId	O	Original purchase order that this purchase order updates (e.g. to cancel line items).	IdRefType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.30-1: PurchaseOrder

```

<PurchaseOrder RefId="ED12345F-DA84-9727-5BC2-8AA349DD3721">
  <FormNumber>00342</FormNumber>
  <VendorInfoRefId>BD12345F-DA84-9727-5BC2-8AA349DD3723</VendorInfoRefId>
  <ChargedLocationInfoRefId>ED12345F-DA84-9727-5BC2-8AA349DD3722</ChargedLocationInfoRefId>
  <EmployeePersonalRefId>AD12345F-DA84-9727-5BC2-8AA349DD3721</EmployeePersonalRefId>
  <PurchasingItems>
    <PurchasingItem>
      <ItemNumber>154486</ItemNumber>
      <ItemDescription>Floor Wax</ItemDescription>
      <Quantity>10</Quantity>
      <UnitCost Currency="AUD">7.00</UnitCost>
      <ExpenseAccounts>
        <ExpenseAccount>
          <AccountCode>10-1100-610</AccountCode>
          <Amount Currency="AUD">70.00</Amount>
        </ExpenseAccount>
      </ExpenseAccounts>
    </PurchasingItem>
  </PurchasingItems>
</PurchaseOrder>

```

Example 3.3.30-1: PurchaseOrder

3.3.31 ResourceBooking

This object represents a booking for any resource for a single contiguous time period. This could be either a room or another resource, such as equipment.

SIF_Events are reported for this object.

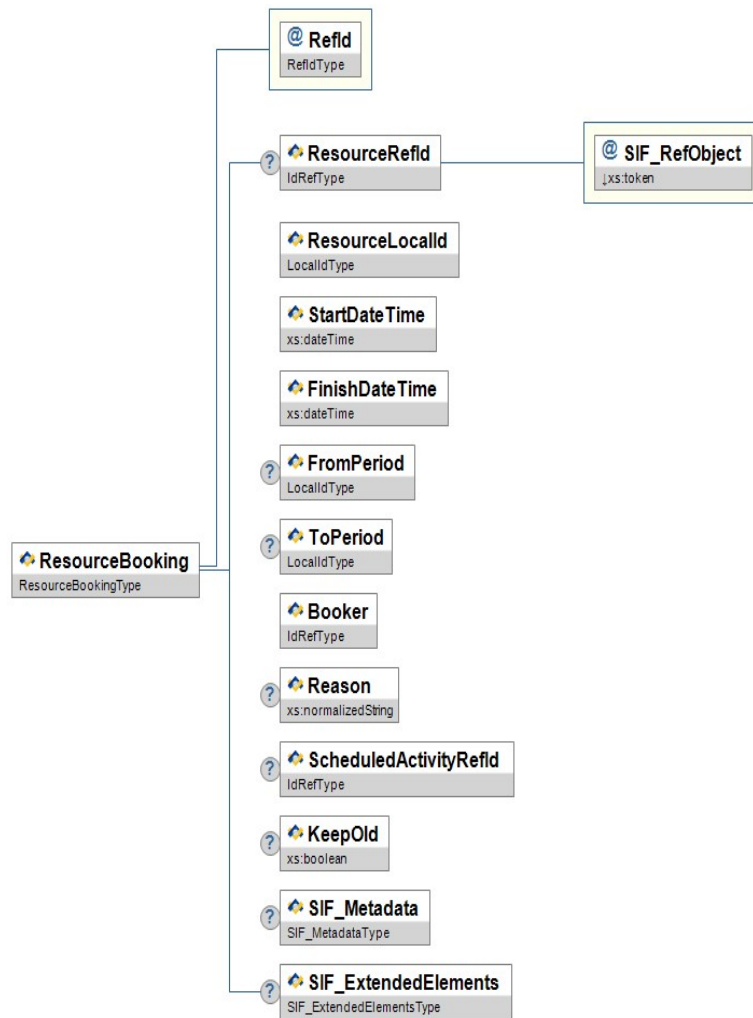


Figure 3.3.31-1: ResourceBooking

Element/@Attribute	Char	Description	Type
ResourceBooking		This object represents a booking for any resource for a single contiguous time period. This could be either a room or another resource, such as equipment.	
@ RefId	M	The GUID of the Object	RefIdType
ResourceRefId	O	The ID (GUID) of the resource being booked. Provided only if the resource being booked is a SIF object with a GUID.	IdRefType
@ SIF_RefObject	M	The type of SIF object that the ResourceRefId element identifies.	values: RoomInfo EquipmentInfo LearningResource
ResourceLocalId	M	The Local Id of the resource being booked. Provided whether the resource is a SIF object or not.	LocalIdType
StartDateTime	M	Starting date and time for booking.	xs:dateTime
FinishDateTime	M	Finish date and time for booking.	xs:dateTime
FromPeriod	O	Starting period for booking. If specified, the booking is intended to align with bell times.	LocalIdType
ToPeriod	O	Finish period for booking. If specified, the booking is intended to align with bell times.	LocalIdType

Element/@Attribute	Char	Description	Type
Booker	M	Indicates who booked the room. Points to a StaffPersonal record. This will normally (but not necessarily) be the teacher who will be occupying the room.	IdRefType
Reason	O	A free-text explanation of the reason for the room booking.	xs:normalizedString
ScheduledActivityRefId	O	Links the room-booking to a ScheduledActivity.	IdRefType
KeepOld	O	If ScheduledActivity is provided, 'true' means the booker wishes to retain all rooms already specified for the ScheduledActivity. 'false' means that room(s)/resources are now available for other uses.	xs:boolean
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.31-1: ResourceBooking

```

<ResourceBooking RefId="B5739375-800A-C4CC-6385-0BB2754114AA">
  <ResourceRefId SIF_RefObject="LearningResource">B7A34E56-1C97-345C-0A4E-11B8112B2753</ResourceRefId>
  <ResourceLocalId>ZXY789</ResourceLocalId>
  <StartDateTime>2011-01-01T16:30:00</StartDateTime>
  <FinishDateTime>2011-01-01T17:30:00</FinishDateTime>
  <FromPeriod>3</FromPeriod>
  <ToPeriod>3</ToPeriod>
  <Booker>98157AA0-13BA-8C3D-00AA-012B359D7512</Booker>
  <ScheduledActivityRefId>A75A0010-1A8C-301D-02E3-A05B359D0A00</ScheduledActivityRefId>
  <KeepOld>false</KeepOld>
</ResourceBooking>

```

Example 3.3.31-1: ResourceBooking Example

3.3.32 ResourceUsage

This object tracks resource usage by a student or staff member at a school over a defined time period.

SIF_Events are reported for this object.

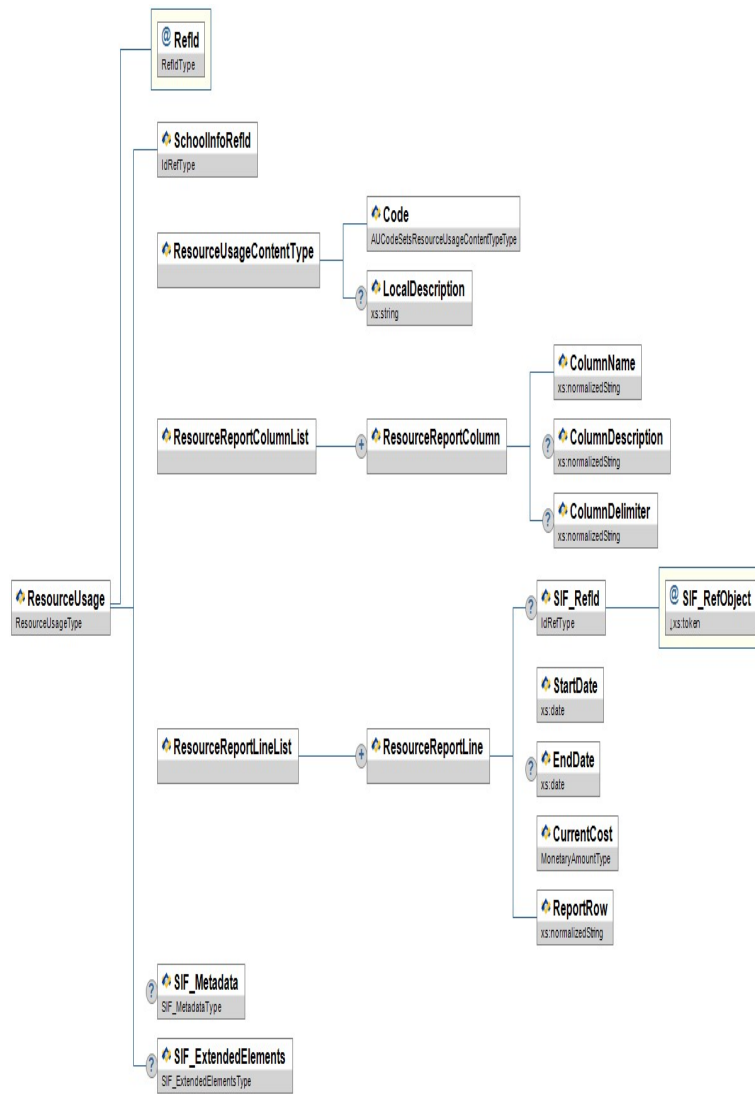


Figure 3.3.32-1: ResourceUsage

Element/@Attribute	Char	Description	Type
ResourceUsage		This object tracks resource usage by a student or staff member at a school over a defined time period.	
@ RefId	M	The SIF RefId that uniquely identifies this object.	RefIdType
SchoolInfoRefId	M	SIF RefId that identifies the school providing the resource being tracked.	IdRefType
ResourceUsageContentType	M	Information about the ResourceUsage.	
ResourceUsageContentType/ Code	M	Codeset for type of resource being tracked.	AUCodeSetsResourceUsageContentTypeType
ResourceUsageContentType/ LocalDescription	O	Local description of type of resource being tracked.	xs:string
ResourceReportColumnList	M	Definitions of the values given in ResourceReportList/ ResourceReport/ ReportRow.	List
ResourceReportColumnList/ ResourceReportColumn	MR	Definition of a single value given in ResourceReportList/ ResourceReport/ ReportRow; the value definitions in ReportColumnList appear in the same order as they do in ReportRow.	

Element/@Attribute	Char	Description	Type
ResourceReportColumnList/ ResourceReportColumn/ColumnName	M	Name of a ReportRow value.	xs:normalizedString
ResourceReportColumnList/ ResourceReportColumn/ColumnDescription	O	Description of a ReportRow value.	xs:normalizedString
ResourceReportColumnList/ ResourceReportColumn/ColumnDelimiter	O	Delimiter separating this ReportRow value from the next; is assumed by default to be ",", with CSV parsing rules.	xs:normalizedString
ResourceReportLineList	M	List of resource reports, one per user.	List
ResourceReportLineList/ResourceReportLine	MR	List of resource reports, one per user.	
ResourceReportLineList/ResourceReportLine/ SIF_RefId	O	SIF RefId that identifies the student, staff or group whose usage is being tracked.	IdRefType
@ SIF_RefObject	M	The type of SIF object that the ReportUserRefId attribute identifies.	values: StudentPersonal StaffPersonal TeachingGroup
ResourceReportLineList/ResourceReportLine/ StartDate	M	Starting date for reporting period of resource usage.	xs:date
ResourceReportLineList/ResourceReportLine/ EndDate	O	End date for reporting period of resource usage.	xs:date
ResourceReportLineList/ResourceReportLine/ CurrentCost	M	Current cost of reported resource usage.	MonetaryAmountType
ResourceReportLineList/ResourceReportLine/ ReportRow	M	Key of report-specific values, defined in ReportColumn	xs:normalizedString
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.32-1: ResourceUsage

```

<ResourceUsage RefId="4286194F-43ED-43C1-8EE2-F0A27C48EF87">
  <SchoolInfoRefId>23B08571-E4D6-45C3-B82A-3E52E5349925</SchoolInfoRefId>
  <ResourceUsageContentType>
    <Code>01</Code>
    <LocalDescription>Other Description</LocalDescription>
  </ResourceUsageContentType>
  <ResourceReportColumnList>
    <ResourceReportColumn>
      <ColumnName>user</ColumnName>
      <ColumnDelimiter></ColumnDelimiter>
    </ResourceReportColumn>
    <ResourceReportColumn>
      <ColumnName>comment</ColumnName>
    </ResourceReportColumn>
    <ResourceReportColumn>
      <ColumnName>planName</ColumnName>
    </ResourceReportColumn>
    <ResourceReportColumn>
      <ColumnName>totalBytesIn</ColumnName>
      <ColumnDescription>total Bytes downloaded (MB)</ColumnDescription>
    </ResourceReportColumn>
    <ResourceReportColumn>
      <ColumnName>totalBytesOut</ColumnName>
      <ColumnDescription>total Bytes uploaded (MB)</ColumnDescription>
    </ResourceReportColumn>
  </ResourceReportColumnList>
  <ResourceReportLineList>
    <ResourceReportLine>
      <SIF_RefId SIF_RefObject="StudentPersonal">23B08571-E4D6-45C3-B82A-3E52E5349925</SIF_RefId>
      <StartDate>2011-03-18</StartDate>
      <EndDate>2011-04-17</EndDate>
      <CurrentCost Currency="AUD">5.43</CurrentCost>
      <ReportRow>name.surname.1,null,Year 10 Test,47,2</ReportRow>
    </ResourceReportLine>
    <ResourceReportLine>
      <SIF_RefId SIF_RefObject="StaffPersonal">23B08571-E4D3-45C3-B82A-3E52E5349925</SIF_RefId>
      <StartDate>2011-03-18</StartDate>
      <EndDate>2011-04-17</EndDate>
      <CurrentCost Currency="AUD">0.00</CurrentCost>
      <ReportRow>name.surname.2,cost waived,Year 10 Test,93,4</ReportRow>
    </ResourceReportLine>
  </ResourceReportLineList>
</ResourceUsage>

```

Example 3.3.32-1: ResourceUsage

3.3.33 RoomInfo

This object contains all of the information about a school's room. This object may contain a reference to a room type so that it may represent anything from a gym, cafeteria, to a standard classroom. The StaffList element usually contains the homeroom teacher.

SIF_Events are reported for this object.

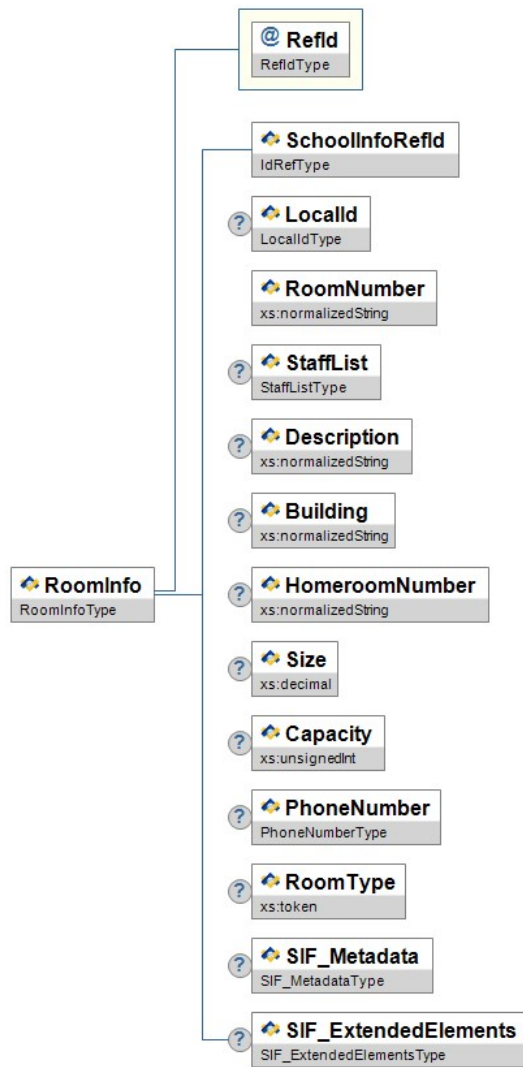


Figure 3.3.33-1: RoomInfo

Element/@Attribute	Char	Description	Type
RoomInfo		This object contains all of the information about a school's room. This object may contain a reference to a room type so that it may represent anything from a gym, cafeteria, to a standard classroom. The StaffList element usually contains the homeroom teacher.	
@ RefId	M	GUID that identifies this room.	RefIdType
SchoolInfoRefId	M	GUID that identifies the school that this room belongs to.	IdRefType
LocalId	O	The locally assigned identifier for the room.	LocalIdType
RoomNumber	M	Room number as presented to the user/application. It is intended to be human readable and user-friendly corresponding to the physical label of the Room.	xs:normalizedString
StaffList	O		StaffListType
Description	O	Friendly name that can be assigned to the room (e.g. Staff Cafeteria).	xs:normalizedString
Building	O	Extra building information. In the future Building could become its own object in which case this element will need to be changed to a RefId. Currently it is only required as a free text field.	xs:normalizedString
HomeroomNumber	O	When a room is designated as a homeroom it may have a different number. Usually blank when room is not a homeroom.	xs:normalizedString

Element/@Attribute	Char	Description	Type
Size	O	Size in square meters.	xs:decimal
Capacity	O	Number of persons (usually students) that this room can hold.	xs:unsignedInt
PhoneNumber	O	Phone number for the room	PhoneNumberType
RoomType	O	Type of room, for use in timetabling.	xs:token
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.33-1: RoomInfo

```

<RoomInfo RefId="D3E34835-9D75-101A-8C3D-00AA001A1652">
  <SchoolInfoRefId>A2E35835-9D75-101A-8C3D-00AA001A0000</SchoolInfoRefId>
  <RoomNumber>101</RoomNumber>
  <StaffList>
    <StaffPersonalRefId>A8C3A2E3-5B35-9D75-101D-00AA001A0000</StaffPersonalRefId>
  </StaffList>
  <Description>Room 101</Description>
  <Building>Main A</Building>
  <HomeroomNumber>10-HR-A</HomeroomNumber>
  <Size>400</Size>
  <Capacity>35</Capacity>
  <PhoneNumber Type="0096">
    <Number>(02) 9555-1234</Number>
  </PhoneNumber>
</RoomInfo>

```

Example 3.3.33-1: RoomInfo Example

3.3.34 ScheduledActivity

This object provides a broader range of scheduled activities than just normal teaching classes (as covered by SessionInfo).

SIF_Events are reported for this object.

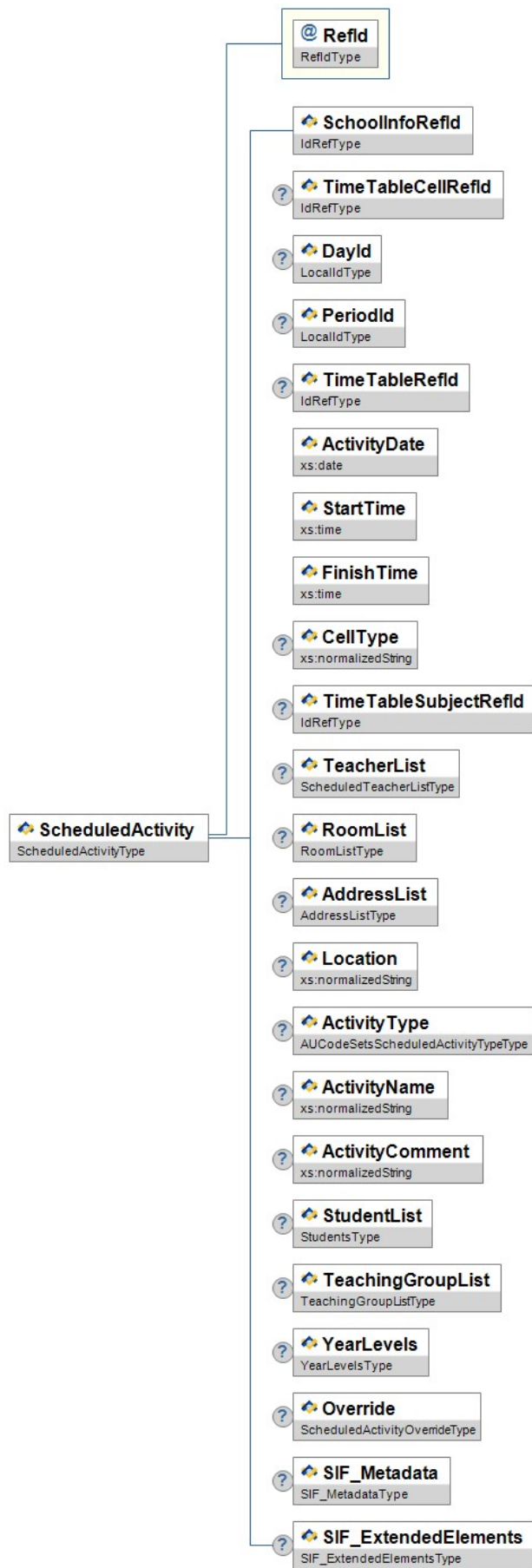


Figure 3.3.34-1: ScheduledActivity

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
ScheduledActivity		This object provides a broader range of scheduled activities than just normal teaching classes (as covered by SessionInfo).	
@ RefId	M	The GUID of the Object	RefIdType
SchoolInfoRefId	M	The ID (GUID) of the school for which this attendance information is being reported.	IdRefType
TimeTableCellRefId	O	An optional Id (GUID) for the timetable cell that this activity is scheduled in. Instances of cyclical classroom sessions will have this element, but one-off events such as excursions will not use this element.	IdRefType
DayId	O	Day Id.	LocalIdType
PeriodId	O	Period Id within the Day Id	LocalIdType
TimeTableRefId	O	The GUID of the TimeTable to which this Cell belongs	IdRefType
ActivityDate	M	Date for which the activity is scheduled. This element is mandatory even if the object is used for preplanning excursions: a tentative or notional date and time should be provided if a finalised date is not available.	xs:date
StartTime	M	Starting time for activity. This element is mandatory even if the object is used for preplanning excursions: a tentative or notional date and time should be provided if a finalised date is not available.	xs:time
FinishTime	M	Finish time for activity. This element is mandatory even if the object is used for preplanning excursions: a tentative or notional date and time should be provided if a finalised date is not available.	xs:time
CellType	O	Type of Lesson/Session eg Teaching, Lunch etc.	xs:normalizedString
TimeTableSubjectRefId	O	Optional to link the GUID of the Subject, if this is a piece of curriculum being scheduled.	IdRefType
TeacherList	O	A listing of the teachers assigned to the activity, and the type of supervision they are credited with. If no teachers are listed, the activity is assumed to be unsupervised.	ScheduledTeacherListType
RoomList	O	List of rooms in which the scheduled activity is held. Used for onsite venues which are represented in the source system as rooms. Can include large venues (ovals, library, etc), if they have been represented as rooms; source system practice varies.	RoomListType
AddressList	O	The address(es) associated with the scheduled activity.	AddressListType
Location	O	Text description of venue. Can be used for either onsite or offsite venues. Can be used if neither RoomList nor AddressList is appropriate or supported by the source system. (E.g. the venue is the oval, which is not represented as a room; the venue is a specific part of the park). If RoomList, AddressList, and Location conflict, the order of priority in interpreting the object is RoomList, then AddressList, then Location.	xs:normalizedString
ActivityType	O	The type of activity undertaken.	AUCodeSetsScheduledActivityTypeType
ActivityName	O	This element is required if this is a one-off event, i.e. there is no TimeTableCellRefId provided, in order for excursions to be uniquely identified.	xs:normalizedString
ActivityComment	O	Allows free-text information, e.g. for excursions. Comment should not be used to identify the location of the venue, since the contents of Comment are open-ended..	xs:normalizedString

Element/@Attribute	Char	Description	Type
StudentList	O	Students who are scheduled to attend the event. Not required for cyclical events, as this would be expected to be provided from TimeTableCell/TeachingGroup instead.	StudentsType
TeachingGroupList	O	Teaching groups which are scheduled to attend the event. Not required for cyclical events, as this would be expected to be provided from TimeTableCell/TeachingGroup instead.	TeachingGroupListType
YearLevels	O	List of year levels offered by the school.	YearLevelsType
Override	O	This flag should be used to indicate whether or not this ScheduledActivity overrides a previous ScheduledActivity. In any initial provisioning this element should NOT be provided.	ScheduledActivityOverrideType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.34-1: ScheduledActivity

```

<ScheduledActivity RefId="BD3E34B3-59D7-5101-A8C3-D00AA001A165">
  <SchoolInfoRefId>B7A34E56-1C97-345C-0A4E-11BB112B2753</SchoolInfoRefId>
  <TimeTableCellRefId>FDF05286-9094-4405-96B3-D6CC0ED5F00B</TimeTableCellRefId>
  <DayId>1</DayId>
  <TimeTableRefId>2A7F0D96-3E99-4883-A958-690C360A36C2</TimeTableRefId>
  <ActivityDate>2014-10-10</ActivityDate>
  <StartTime>12:05:00</StartTime>
  <FinishTime>13:30:00</FinishTime>
  <TeacherList>
    <TeacherCover>
      <StaffPersonalRefId>98157AA0-13BA-8C3D-00AA-012B359D7512</StaffPersonalRefId>
      <StaffLocalId>US8923</StaffLocalId>
      <StartTime>12:05:00</StartTime>
      <FinishTime>13:00:00</FinishTime>
      <Credit>In-Lieu</Credit>
      <Supervision>MinimalSupervision</Supervision>
      <Weighting>0.5</Weighting>
    </TeacherCover>
    <TeacherCover>
      <StaffPersonalRefId>A75A0010-1A8C-301D-02E3-A058359D0A00</StaffPersonalRefId>
      <StaffLocalId>ZY3213</StaffLocalId>
      <StartTime>13:00:00</StartTime>
      <FinishTime>13:30:00</FinishTime>
      <Credit>Extra</Credit>
      <Supervision>MinimalSupervision</Supervision>
      <Weighting>0.5</Weighting>
    </TeacherCover>
  </TeacherList>
  <RoomList>
    <RoomInfoRefId>11737EA4-301C-ADCA-75C8-7214A7C46BDB</RoomInfoRefId>
  </RoomList>
  <ActivityType>Incursion</ActivityType>
  <StudentList>
    <StudentPersonalRefId>FAE9D90A-38F8-4B72-9C92-F868C863C9F3</StudentPersonalRefId>
  </StudentList>
  <TeachingGroupList>
    <TeachingGroupRefId>EB79C3D1-FF19-11D7-8513-88604A511DAD</TeachingGroupRefId>
    <TeachingGroupRefId>82345163-8474-6B38-7459-000F84723A00</TeachingGroupRefId>
  </TeachingGroupList>
</ScheduledActivity>

```

Example 3.3.34-1: ScheduledActivity Example

3.3.35 SchoolCourseInfo

This object is for course information.

All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not be possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.

SIF_Events are reported for this object.

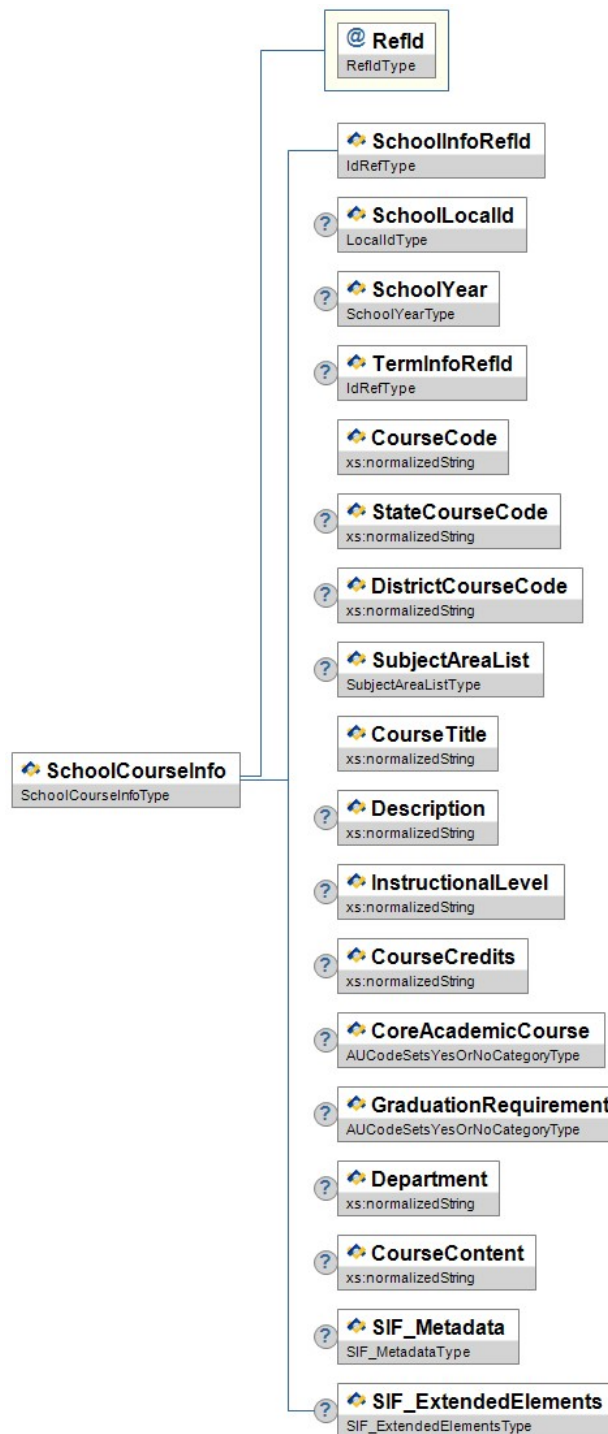


Figure 3.3.35-1: SchoolCourseInfo

Element/@Attribute	Char	Description	Type
SchoolCourseInfo		<p>This object is for course information.</p> <p>All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.</p>	
@ RefId	M	The ID (GUID) that uniquely identifies the school course.	RefIdType

Element/@Attribute	Char	Description	Type
SchoolInfoRefId	M	The ID (GUID) that identifies the school where the course is offered.	IdRefType
SchoolLocalId	O	The locally-assigned identifier for this school/campus.	LocalIdType
SchoolYear	C	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007).	SchoolYearType
TermInfoRefId	C	The ID (GUID) that uniquely identifies this TermInfo (reportable time period). Either SchoolYear or TermInfoRefId must be provided.	IdRefType
CourseCode	M	School-defined local code for the course.	xs:normalizedString
StateCourseCode	O	State-defined standard course code used to report information about courses.	xs:normalizedString
DistrictCourseCode	O	The corresponding district course code.	xs:normalizedString
SubjectAreaList	O	Subject matter areas.	SubjectAreaListType
CourseTitle	M	Title of the course.	xs:normalizedString
Description	O	Textual description of the course.	xs:normalizedString
InstructionalLevel	O	An indication of the general nature and difficulty of instruction provided.	xs:normalizedString
CourseCredits	O	The number of credits awarded upon course completion.	xs:normalizedString
CoreAcademicCourse	O	Does the course meet the state definition of a core academic course?	AUCodeSetsYesOrNoCategoryType
GraduationRequirement	O	Does the state require that the course be completed for graduation?	AUCodeSetsYesOrNoCategoryType
Department	O	Department with jurisdiction over this course.	xs:normalizedString
CourseContent	O	Description of course content.	xs:normalizedString
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.35-1: SchoolCourseInfo

```

<SchoolCourseInfo RefId="9D75101A-8C3D-00AA-001A-000A2E35B35">
  <SchoolInfoRefId>101A8C3D-00AA-001A-0000-A2E35B359D75</SchoolInfoRefId>
  <SchoolYear>2006</SchoolYear>
  <CourseCode>CS101</CourseCode>
  <StateCourseCode>08-001</StateCourseCode>
  <DistrictCourseCode>CS101</DistrictCourseCode>
  <SubjectAreaList>
    <SubjectArea>
      <Code>Graphic Arts</Code>
    </SubjectArea>
  </SubjectAreaList>
  <CourseTitle>Gif, Jpeg, or Png: What's the Difference?</CourseTitle>
  <Description>Explore the various types of files related to graphic arts.</Description>
  <InstructionalLevel>0571</InstructionalLevel>
  <CourseCredits>2</CourseCredits>
  <CoreAcademicCourse>N</CoreAcademicCourse>
  <GraduationRequirement>N</GraduationRequirement>
</SchoolCourseInfo>

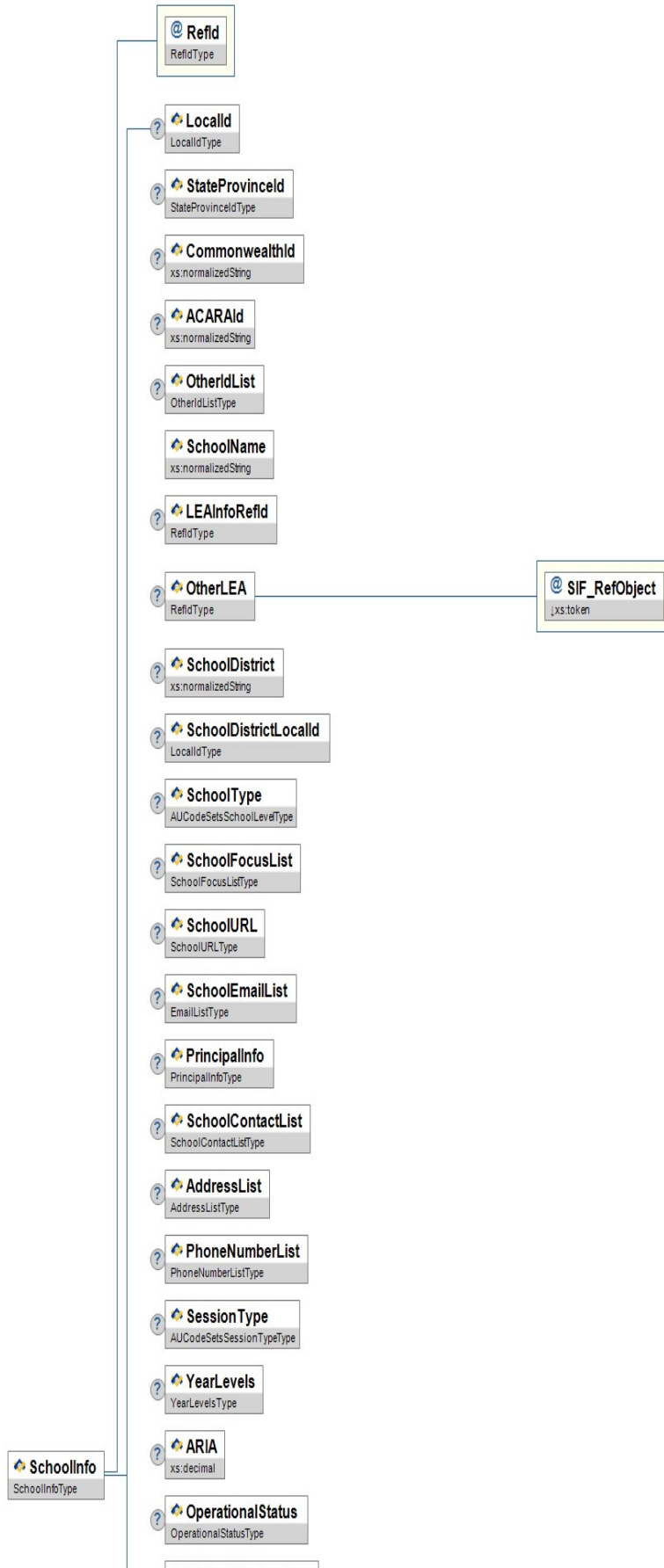
```

Example 3.3.35-1: SchoolCourseInfo Example

3.3.36 SchoolInfo

This object contains information about the school or campus.

SIF_Events are reported for this object.



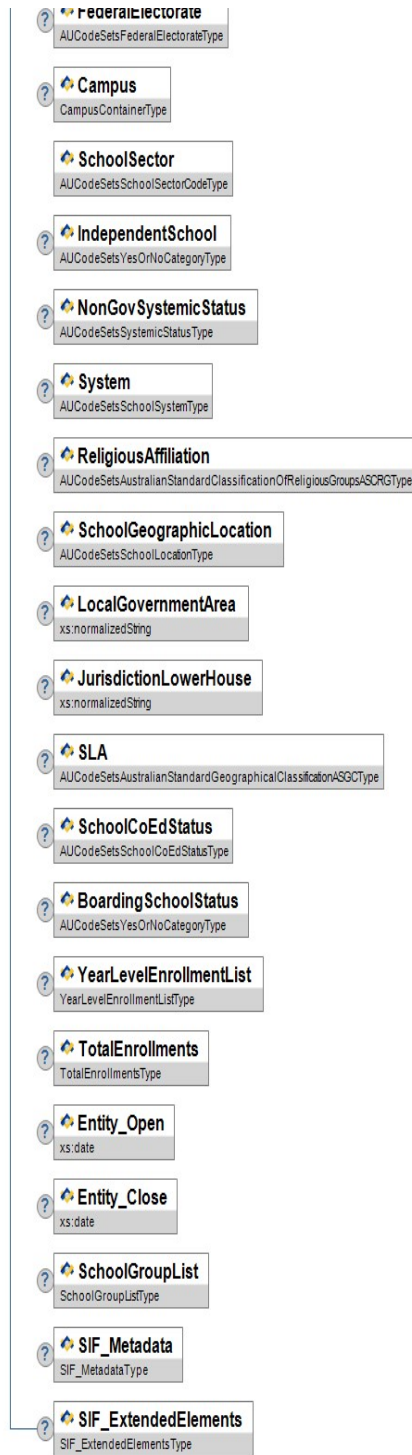


Figure 3.3.36-1: SchoolInfo

Element/@Attribute	Char	Description	Type
SchoolInfo		This object contains information about the school or campus.	
@ Key RefId	M	The GUID that identifies this school.	RefIdType
LocalId	O	The locally-assigned identifier for this school.	LocalIdType
StateProvinceId	O	The state-assigned identifier for this school.	StateProvinceIdType
CommonwealthId	O	Commonwealth identifier for this school/campus.	xs:normalizedString

Element/@Attribute	Char	Description	Type
ACARAId	O	ACARA identifier for this school/campus.	xs:normalizedString
OtherIdList	O	Lists all "other" identifiers associated with the school.	OtherIdListType
SchoolName	M	Name of school/campus.	xs:normalizedString
LEAInfoRefId	O	The ID (GUID) that references the school district of which this school is a member.	RefIdType
OtherLEA	O	The ID (GUID) of another related education agency, such as a regional service agency.	RefIdType
@ SIF_RefObject	M	The name of the object reference.	values: LEAInfo
SchoolDistrict	O	The school district of which this school/campus is a member. Equivalent to DEECD Region.	xs:normalizedString
SchoolDistrictLocalId	O	The school district Local ID. This should be the same as the LocalId in the LEAInfo if LEAInfo details are supplied.	LocalIdType
SchoolType	O	An indication of the level of the educational institution.	AUCodeSetsSchoolLevelType
SchoolFocusList	O	Lists all "other" identifiers associated with the student.	SchoolFocusListType
SchoolURL	O	URL for the school.	SchoolURLType
SchoolEmailList	O	List of contact emails for the school.	EmailListType
PrincipalInfo	O	Information about the campus or school principal.	PrincipalInfoType
SchoolContactList	O	A list of contact persons associated with a school.	SchoolContactListType
AddressList	O	The school's addresses.	AddressListType
PhoneNumberList	O	The school's phone numbers.	PhoneNumberListType
SessionType	O	Code that specifies the session type.	AUCodeSetsSessionTypeType
YearLevels	O	List of year levels offered by the school.	YearLevelType
ARIA	O	Accessibility/Remoteness Indicator of Australia.	xs:decimal
OperationalStatus	O	Operational condition of a school.	OperationalStatusType
FederalElectorate	O	Australian Federal Electorate.	AUCodeSetsFederalElectorateType
Campus	O	Optional campus details.	CampusContainerType

Element/@Attribute	Char	Description	Type
SchoolSector	M	(Government, or Non-Government).	AUCodeSetsSchoolSectorCodeType
IndependentSchool	O	Indicator as to whether school is an independent school (as opposed to government or catholic school).	AUCodeSetsYesOrNoCategoryType
NonGovSystemicStatus	O	Used to clarify a non-government school's systemic status. Either Systemic or Non-Systemic.	AUCodeSetsSystemicStatusType
System	O	System if a systemic school.	AUCodeSetsSchoolSystemType
ReligiousAffiliation	O	Religious affiliation (if any).	AUCodeSetsAustralianStandardClassificationOfReligiousGroupsASCRGType
SchoolGeographicLocation	O	School Location	AUCodeSetsSchoolLocationType
LocalGovernmentArea	O	LocalGovernmentArea that that school/campus is located in.	xs:normalizedString
JurisdictionLowerHouse	O	Lower House area that the school/campus belongs to.	xs:normalizedString
SLA	O	Statistical Local Area that the school/campus belongs to.	AUCodeSetsAustralianStandardGeographicalClassificationASGCType
SchoolCoEdStatus	O	Gender of student population.	AUCodeSetsSchoolCoEdStatusType
BoardingSchoolStatus	O	Is this school a Boarding School?	AUCodeSetsYesOrNoCategoryType
YearLevelEnrollmentList	O	Container for number of students enrolled per year level.	YearLevelEnrollmentListType
TotalEnrollments	O	Optional School/Campus enrolments.	TotalEnrollmentsType
Entity_Open	O	Opening date of entity.	xs:date
Entity_Close	O	Closing date of entity. This element is allowed to be omitted and/or null.	xs:date
SchoolGroupList	O		SchoolGroupListType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.36-1: SchoolInfo

```

<SchoolInfo RefId="D3E34835-9D75-101A-8C3D-00AA001A1652">
  <LocalId>01011234</LocalId>
  <StateProvinceId>01011234</StateProvinceId>
  <CommonwealthId>012345</CommonwealthId>
  <SchoolName>Lincoln Secondary College</SchoolName>
  <LEAInfoRefId>73648462-8886-24AA-5294-BC6380173276</LEAInfoRefId>
  <OtherLEA_SIF_RefObject="LEAInfo">AA648462-8886-24AA-5294-BC6380173208</OtherLEA>
  <SchoolDistrict> Southern Metropolitan Region</SchoolDistrict>
  <SchoolType>Pri/Sec</SchoolType>
  <SchoolFocusList>
    <SchoolFocus>01</SchoolFocus>
    <SchoolFocus>03</SchoolFocus>
  </SchoolFocusList>
  <SchoolURL>http://www.lincolnsc.edu.vic.au</SchoolURL>
  <PrincipalInfo>
    <ContactName Type="LGL">
      <Title>Mr</Title>
      <FamilyName>Mason</FamilyName>
      <GivenName>Francis</GivenName>
      <MiddleName>Frank</MiddleName>
      <Suffix>Jr.</Suffix>
      <FullName>Mr Frank Mason Jr.</FullName>
    </ContactName>
    <ContactTitle>Senior School Principal</ContactTitle>
  </PrincipalInfo>
  <SchoolContactList>
    <SchoolContact>
      <PublishInDirectory>Y</PublishInDirectory>
      <ContactInfo>
        <Name Type="LGL">
          <Title>Mr</Title>
          <FamilyName>Miller</FamilyName>
          <GivenName>James</GivenName>
          <MiddleName>Mark</MiddleName>
          <Suffix>Jr.</Suffix>
          <FullName>Mr James Mark Miller Jr.</FullName>
        </Name>
        <PositionTitle>Business Manager</PositionTitle>
        <Role>School Information Contact Point</Role>
        <Address Type="0123" Role="012B">
          <Street>
            <Line1>23 Nicholson Street</Line1>
          </Street>
          <City>Carnegie</City>
          <StateProvince>VIC</StateProvince>
          <Country>1101</Country>
          <PostalCode>3004</PostalCode>
          <GridLocation>
            <Latitude>23.9876</Latitude>
            <Longitude>-98.8765</Longitude>
          </GridLocation>
        </Address>
        <EmailList>
          <Email Type="01">jmiller@isc.vic.edu.au</Email>
          <Email Type="02">jmiller@yahoo.com.au</Email>
        </EmailList>
        <PhoneNumberList>
          <PhoneNumber Type="0096">
            <Number>03 9637-2000</Number>
            <Extension>72345</Extension>
            <ListedStatus>Y</ListedStatus>
          </PhoneNumber>
        </PhoneNumberList>
      </ContactInfo>
    </SchoolContact>
  </SchoolContactList>
  <PhoneNumberList>
    <PhoneNumber Type="0096">
      <Number>03 9637-2000</Number>
    </PhoneNumber>
  </PhoneNumberList>
  <SessionType>0827</SessionType>
  <YearLevels>
    <YearLevel>
      <Code>6</Code>
    </YearLevel>
    <YearLevel>
      <Code>7</Code>
    </YearLevel>
    <YearLevel>
      <Code>8</Code>
    </YearLevel>
    <YearLevel>
      <Code>9</Code>
    </YearLevel>
    <YearLevel>
      <Code>10</Code>
    </YearLevel>
    <YearLevel>
      <Code>11</Code>
    </YearLevel>
    <YearLevel>
      <Code>12</Code>
    </YearLevel>
  </YearLevels>
  <ARIA>1.0</ARIA>
  <OperationalStatus>0</OperationalStatus>
  <FederalElectorate>216</FederalElectorate>
  <Campus>
    <SchoolCampusId>01</SchoolCampusId>
    <CampusType>Camp</CampusType>
    <AdminStatus>Y</AdminStatus>
  </Campus>
  <SchoolSector>NG</SchoolSector>
  <IndependentSchool>Y</IndependentSchool>
  <NonGovSystemicStatus>S</NonGovSystemicStatus>
  <System>0003</System>
  <ReligiousAffiliation>2171</ReligiousAffiliation>
  <SchoolGeographicLocation>10</SchoolGeographicLocation>
  <LocalGovernmentArea>Cardinia</LocalGovernmentArea>
  <JurisdictionLowerHouse>Unknown</JurisdictionLowerHouse>
  <SLA>205801452</SLA>
  <SchoolCoEdStatus>C</SchoolCoEdStatus>
  <SchoolGroupList>
    <SchoolGroup>YVC</SchoolGroup>
    <SchoolGroup>EastSec01</SchoolGroup>
  </SchoolGroupList>
</SchoolInfo>

```

Example 3.3.36-1: SchoolInfo

This object contains information about Programs offered by a school.

SIF_Events are reported for this object.

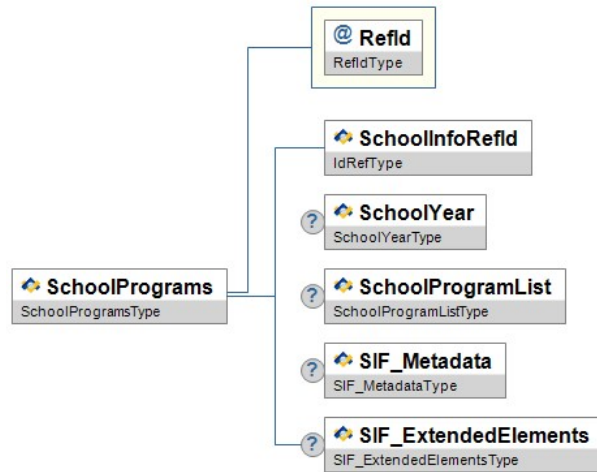


Figure 3.3.37-1: SchoolPrograms

Element/@Attribute	Char	Description	Type
SchoolPrograms		This object contains information about Programs offered by a school.	
@ RefId	M	GUID that uniquely identifies this instance of the object.	RefIdType
SchoolInfoRefId	M	GUID that identifies the school offering this program.	IdRefType
SchoolYear	O	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2009").	SchoolYearType
SchoolProgramList	O	List of School Programs	SchoolProgramListType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.37-1: SchoolPrograms

```

<SchoolPrograms RefId="D3E34835-9D75-101A-8C3D-00AA001A1652">
  <SchoolInfoRefId>73648462-8886-24AA-5294-BC6380173276</SchoolInfoRefId>
  <SchoolYear>2009</SchoolYear>
  <SchoolProgramList>
    <Program>
      <Category>01</Category>
      <Type>Steiner program</Type>
    </Program>
    <Program>
      <Category>01</Category>
      <Type>Tournament of minds</Type>
    </Program>
  </SchoolProgramList>
</SchoolPrograms>
  
```

Example 3.3.37-1: SchoolPrograms

3.3.38 SectionInfo

This object provides information about the section, the specific time period a session of the course meets. Australian Implementations have been using TeachingGroup as a representation of a class;

SIF_Events are reported for this object.

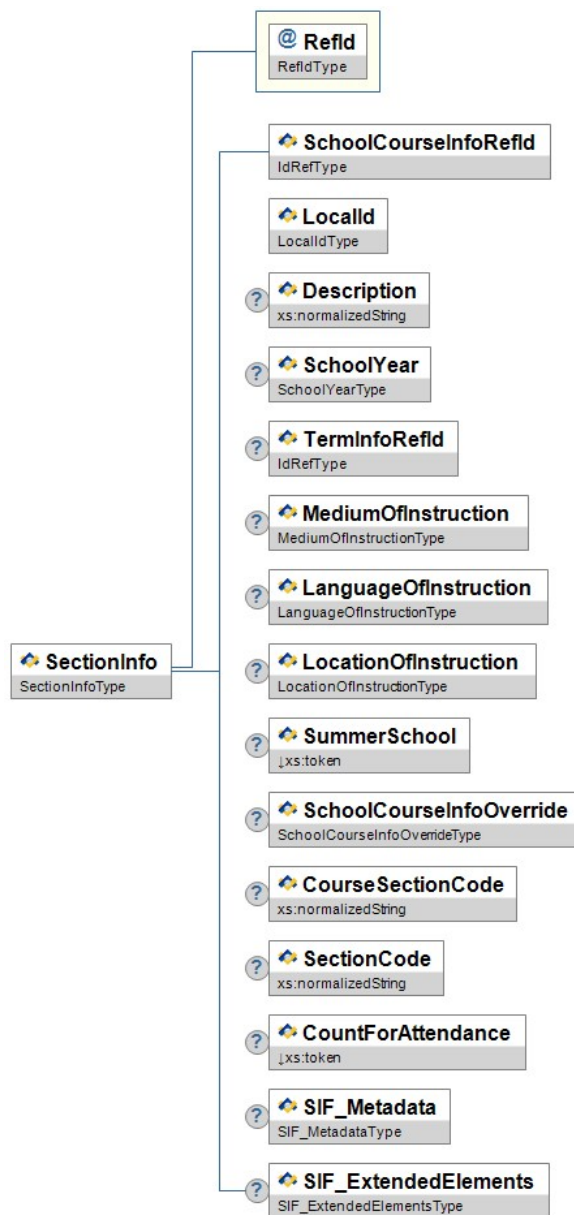


Figure 3.3.38-1: SectionInfo

Element/@Attribute	Char	Description	Type
SectionInfo		This object provides information about the section, the specific time period a session of the course meets. Australian Implementations have been using TeachingGroup as a representation of a class;	
@ RefId	M	The Id (GUID) that uniquely identifies this section entity.	RefIdType
SchoolCourseInfoRefId	M	The Id (GUID) that identifies the course being taught in this section.	IdRefType
LocalId	M	The locally-assigned identifier for this course section.	LocalIdType
Description	O	Description of the course section.	xs:normalizedString
SchoolYear	C	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g. 2013 for the 2013 school year). Either SchoolYear or TermInfoRefId must be provided.	SchoolYear
TermInfoRefId	C	The Id (GUID) of the term to which this schedule information relates. Either TermInfoRefId or SchoolYear must be provided.	IdRefType

Element/@Attribute	Char	Description	Type
MediumOfInstruction	O	Medium through which the student receives instructional communication from the teacher.	MediumOfInstructionType
LanguageOfInstruction	O	Language in which the section is taught.	LanguageOfInstructionType
LocationOfInstruction	O	Description of the location in which the section is taught.	LocationOfInstructionType
SummerSchool	O	Is this a summer school assignment?	values: Yes No
SchoolCourseInfoOverride	O	Optional overrides of the course information for this section.	SchoolCourseInfoOverrideType
CourseSectionCode	O	A section code that is linked to a course. This should be a unique identifier within the school year and course (i.e. the class instance number for a course). For example, Algebra I: Section 23 is different from English II: Section 23.	xs:normalizedString
SectionCode	O	A unique identifier of the section for the school year and across courses (i.e. unique across all courses). For example, Algebra I sections range from 00122 to 00140 and English II courses range from 00141 to 00152.	xs:normalizedString
CountForAttendance	O	Indicates if attendance in this section is collected and used in attendance calculations.	values: Yes No
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.38-1: SectionInfo

```

<SectionInfo RefId="D3E34835-9D75-101A-8C3D-00AA001A1652">
  <SchoolCourseInfoRefId>101A8C3D-00AA-001A-0000-A2E35B359D75</SchoolCourseInfoRefId>
  <LocalId>287-1</LocalId>
  <SchoolYear>2013</SchoolYear>
  <MediumOfInstruction>
    <Code>0605</Code>
  </MediumOfInstruction>
  <LanguageOfInstruction>
    <Code>1201</Code>
  </LanguageOfInstruction>
  <LocationOfInstruction>
    <Code>0340</Code>
    <OtherCodeList>
      <OtherCode Codeset="Text">NSW DEC</OtherCode>
    </OtherCodeList>
  </LocationOfInstruction>
  <SchoolCourseInfoOverride Override="Yes">
    <CourseCode>CS101A</CourseCode>
    <StateCourseCode>08-001A</StateCourseCode>
    <DistrictCourseCode>CS101A</DistrictCourseCode>
    <SubjectArea>
      <Code>05</Code>
      <OtherCodeList>
        <OtherCode Codeset="Text">Graphic Arts for Beginners</OtherCode>
      </OtherCodeList>
    </SubjectArea>
    <CourseTitle>Graphics Basics</CourseTitle>
    <InstructionalLevel>Graduate Certificate II</InstructionalLevel>
  </SchoolCourseInfoOverride>
</SectionInfo>

```

Example 3.3.38-1: SectionInfo - Example 1

3.3.39 SessionInfo

This object provides the link between Period Attendance and the school's timetable. It allows subject and teaching group information to be communicated to/from the attendance system.

This object provides information about the session; the specific instance of a timetable cell against which the attendance is recorded. Please note, the TimeTableCell object represents a session scheduled in a timetable. There may be many SessionInfo objects for the same TimeTableCell each for a different week/fortnight, depending on the length of the timetable schedule. Attendance is recorded against the SessionInfo object.

SIF_Events are reported for this object.

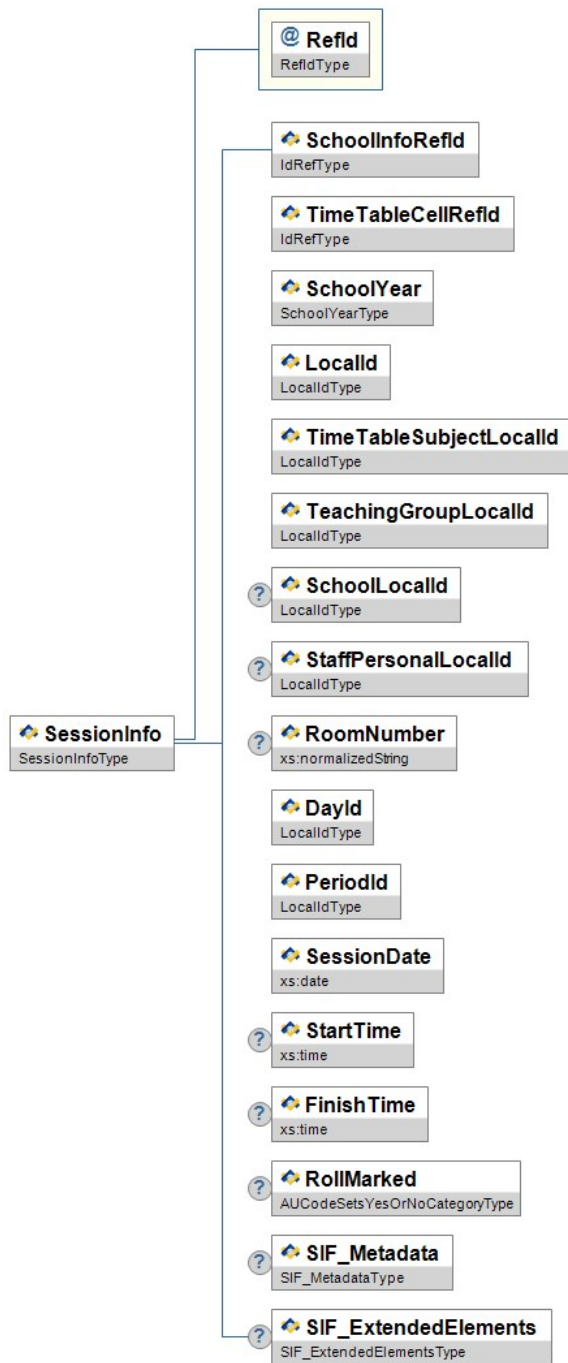


Figure 3.3.39-1: SessionInfo

Element/@Attribute	Char	Description	Type
SessionInfo		<p>This object provides the link between Period Attendance and the school's timetable. It allows subject and teaching group information to be communicated to/from the attendance system.</p> <p>This object provides information about the session; the specific instance of a timetable cell against which the attendance is recorded. Please note, the TimeTableCell object represents a session scheduled in a timetable. There may be many SessionInfo objects for the same TimeTableCell each for a different week/fortnight, depending on the length of the timetable schedule. Attendance is recorded against the SessionInfo object.</p>	
@ RefId	M	The GUID of the Object	RefIdType
SchoolInfoRefId	M	The ID (GUID) of the school for which this attendance information is being reported.	IdRefType
TimeTableCellRefId	M	The (GUID) of the piece of Curriculum (TT Grid) scheduled	IdRefType

Element/@Attribute	Char	Description	Type
SchoolYear	M	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2007").	SchoolYearType
LocalId	M	Session Local Identifier	LocalIdType
TimeTableSubjectLocalId	M	TimeTableSubject Local Identifier	LocalIdType
TeachingGroupLocalId	M	Teaching Group Local Identifier	LocalIdType
SchoolLocalId	O	School Local Identifier	LocalIdType
StaffPersonalLocalId	O	Staff Local Identifier	LocalIdType
RoomNumber	C	Room number as presented to the user or application. Needs to be provided if changed from TimeTableCell.	xs:normalizedString
DayId	M	Day Id.	LocalIdType
PeriodId	M	Period Id within the Day Id	LocalIdType
SessionDate	M	Date of Session	xs:date
StartTime	O	Optional Start Time	xs:time
FinishTime	O	Optional End Time	xs:time
RollMarked	O	Was the Roll Marked for this Period?	AUCodeSetsYesOrNoCategoryType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.39-1: SessionInfo

```

<SessionInfo RefId="98157AA0-13BA-8C3D-00AA-012B359D7512">
  <SchoolInfoRefId>11737EA4-301C-ADCA-75C8-7214A7C468DB</SchoolInfoRefId>
  <TimeTableCellRefId>A75A0010-1A8C-301D-02E3-A05B359D0A00</TimeTableCellRefId>
  <SchoolYear>2008</SchoolYear>
  <LocalId>2</LocalId>
  <TimeTableSubjectLocalId>10MA1</TimeTableSubjectLocalId>
  <SchoolLocalId>01991</SchoolLocalId>
  <StaffPersonalLocalId>SMI009</StaffPersonalLocalId>
  <RoomNumber>R08</RoomNumber>
  <DayId>1</DayId>
  <PeriodId>5</PeriodId>
  <SessionDate>2016-10-10</SessionDate>
  <StartTime>12:05:00</StartTime>
  <FinishTime>13:30:00</FinishTime>
  <RollMarked>Y</RollMarked>
</SessionInfo>

```

Example 3.3.39-1: SessionInfo Example

3.3.40 StaffAssignment

This object defines information related to a staff member's assignment(s); commonly, this will be a school assignment.

SIF_Events are reported for this object.

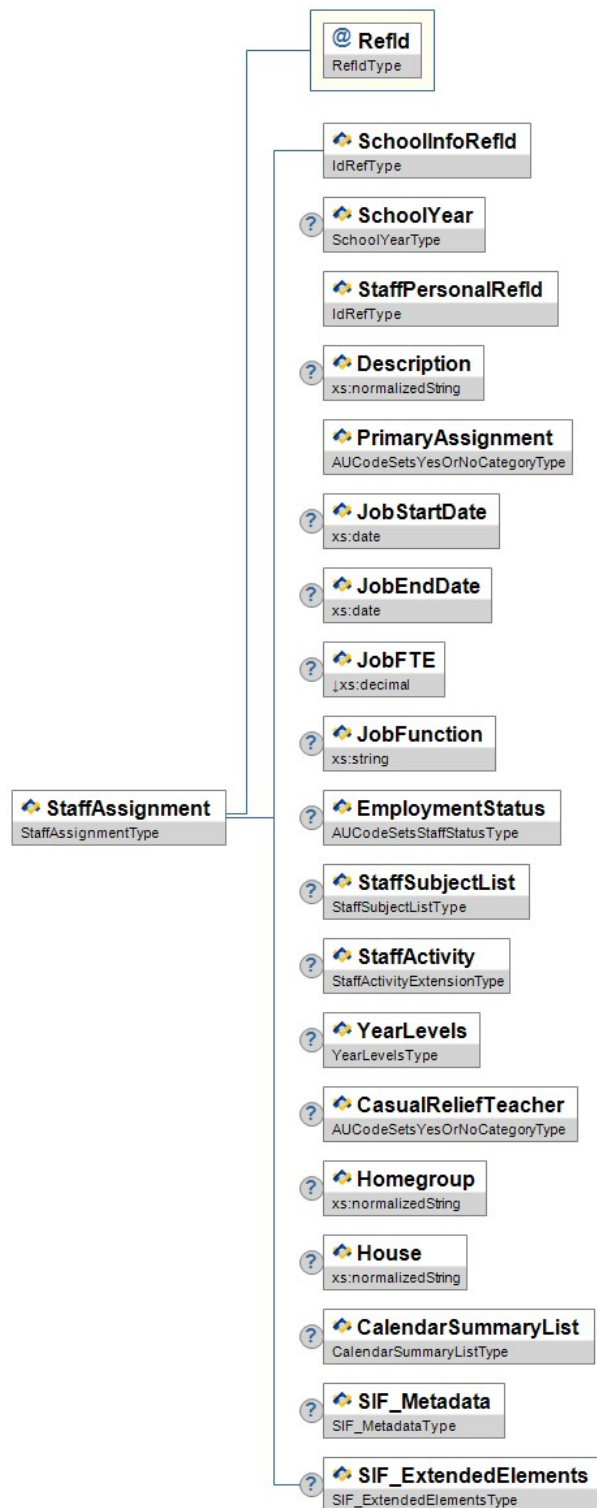


Figure 3.3.40-1: StaffAssignment

Element/@Attribute	Char	Description	Type
StaffAssignment		This object defines information related to a staff member's assignment(s); commonly, this will be a school assignment.	
@ Refid Key	M	The GUID that uniquely identifies a particular staff assignment.	RefIdType
SchoolInfoRefid	M	The ID (GUID) that identifies the school where the staff member is assigned.	IdRefType

Element/@Attribute	Char	Description	Type						
SchoolYear	O	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., 2007). Release 1.2 allows this to be optional as JobStart and EndDate allow for this Object to be used over more than one year.	SchoolYearType						
StaffPersonalRefId	M	ID (GUID) of this staff member, as represented in the StaffPersonal object.	IdRefType						
Description	O	Short assignment description	xs:normalizedString						
PrimaryAssignment	M	Is this the staff member's primary assignment? Note: There must be one and only one instance of the object with a yes value in this element per StaffMember per school year.	AUCodeSetsYesOrNoCategoryType						
JobStartDate	O	This is the date from which the staff assignment is valid (inclusive).	xs:date						
JobEndDate	O	This is the date through which the staff assignment is valid (inclusive).	xs:date						
JobFTE	O	Full-time job equivalent ratio for this assignment. (Format is x.xx; an employee who is full-time and who is 50% of their time on this assignment would be represented as 0.50)	xs:decimal <table border="1"> <tr> <td>xs:minInclusive</td> <td>0</td> </tr> <tr> <td>xs:maxInclusive</td> <td>1</td> </tr> <tr> <td>xs:fractionDigits</td> <td>2</td> </tr> </table>	xs:minInclusive	0	xs:maxInclusive	1	xs:fractionDigits	2
xs:minInclusive	0								
xs:maxInclusive	1								
xs:fractionDigits	2								
JobFunction	O	The purpose of the activities as related to students.	xs:string						
EmploymentStatus	O	Status of staff member within this school. Where a Staff member is employed by an organisation that covers more than one school, employment status may be different at each school. Not for NSSC Reporting	AUCodeSetsStaffStatusType						
StaffSubjectList	O	Subject(s) Staff member is eligible to teach.	StaffSubjectListType						
StaffActivity	O	The purpose of the Teacher's role as related to students. Equivalent to 'JobFunction' in US Object.	StaffActivityExtensionType						
YearLevels	O	Year level(s) that the teacher is allowed to teach.	YearLevelsType						
CasualReliefTeacher	O	Is this teacher a casual relief teacher CRT?	AUCodeSetsYesOrNoCategoryType						
Homegroup	O	The name of the homegroup the staff member is assigned to.	xs:normalizedString						
House	O	The name of the house the staff member is assigned to.	xs:normalizedString						
CalendarSummaryList	O	The ID (GUID) of a calendar summary to which this Staff Member is associated with.	CalendarSummaryListType						
SIF_Metadata	O		SIF_MetadataType						
SIF_ExtendedElements	O		SIF_ExtendedElementsType						

Table 3.3.40-1: StaffAssignment

```

<StaffAssignment RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <SchoolInfoRefId>A8C3D3E3-4B35-9D75-101D-00AA001A1652</SchoolInfoRefId>
  <SchoolYear>2008</SchoolYear>
  <StaffPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1651</StaffPersonalRefId>
  <Description>VCE English Teacher</Description>
  <PrimaryAssignment>Y</PrimaryAssignment>
  <JobStartDate>2000-09-05</JobStartDate>
  <JobEndDate>2001-06-25</JobEndDate>
  <JobFTE>1.00</JobFTE>
  <JobFunction>Teacher</JobFunction>
  <StaffSubjectList>
    <StaffSubject>
      <PreferenceNumber>1</PreferenceNumber>
      <SubjectLocalId>English</SubjectLocalId>
    </StaffSubject>
    <StaffSubject>
      <PreferenceNumber>2</PreferenceNumber>
      <SubjectLocalId>Mathematics</SubjectLocalId>
    </StaffSubject>
    <StaffSubject>
      <PreferenceNumber>3</PreferenceNumber>
      <SubjectLocalId>Science</SubjectLocalId>
    </StaffSubject>
  </StaffSubjectList>
  <YearLevels>
    <YearLevel>
      <Code>11</Code>
    </YearLevel>
    <YearLevel>
      <Code>12</Code>
    </YearLevel>
  </YearLevels>
  <CasualReliefTeacher>N</CasualReliefTeacher>
</StaffAssignment>

```

Example 3.3.40-1: StaffAssignment

3.3.41 StaffPersonal

This object contains all the personal information relating to a staff member, who might be a teacher or other employee of the school or district.

SIF_Events are reported for this object.

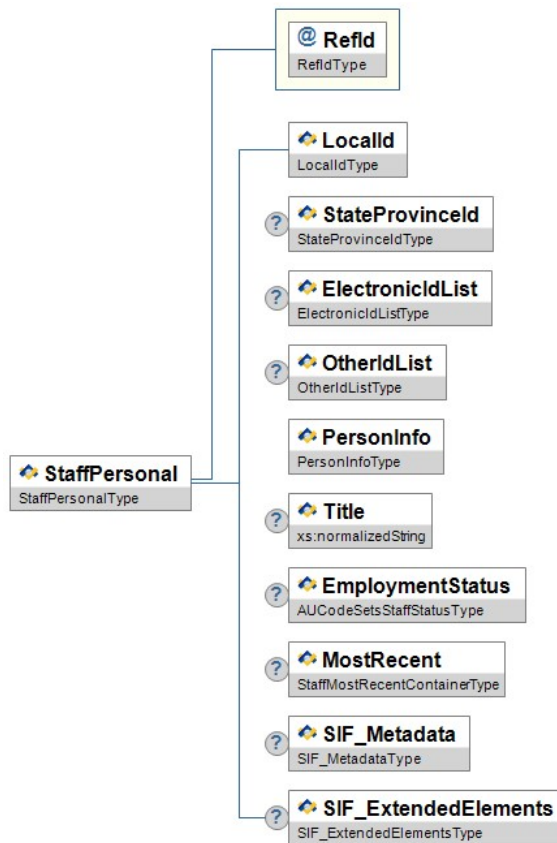


Figure 3.3.41-1: StaffPersonal

Element/@ Attribute	Char	Description	Type
StaffPersonal		This object contains all the personal information relating to a staff member, who might be a teacher or other employee of the school or district.	
@ RefId	M	The GUID of the staff member.	RefIdType

Element/@Attribute	Char	Description	Type
LocalId	M	The locally-assigned identifier for this staff member.	LocalIdType
StateProvinceId	O	The state-assigned identifier for this staff member.	StateProvinceIdType
ElectronicIdList	O	Electronic identifier(s) associated with this entity.	ElectronicIdListType
OtherIdList	O	Lists all "other" identifiers associated with the staff member.	OtherIdListType
PersonInfo	M	Personal Information	PersonInfoType
Title	O	The staff member's title.	xs:normalizedString
EmploymentStatus	O	Status of staff member within employing organisation. Not for NSSC Reporting	AUCodeSetsStaffStatusType
MostRecent	O	Container for elements reflecting the most recent assignment of a staff member. If the staff member is currently assigned, the elements contain current information.	StaffMostRecentContainerType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.41-1: StaffPersonal

```

<StaffPersonal RefId="D3E34F41-9D75-101A-8C3D-00AA001A1652">
  <LocalId>946379881</LocalId>
  <StateProvinceId>C2345681</StateProvinceId>
  <ElectronicIdList>
    <ElectronicId Type="01">206655</ElectronicId>
  </ElectronicIdList>
  <OtherIdList>
    <OtherId Type="0004">33333333</OtherId>
  </OtherIdList>
  <PersonInfo>
    <Name Type="LGL">
      <FamilyName>Smith</FamilyName>
      <GivenName>Fred</GivenName>
      <FullName>Fred Smith</FullName>
    </Name>
    <OtherNames>
      <Name Type="AKA">
        <FamilyName>Anderson</FamilyName>
        <GivenName>Samuel</GivenName>
        <FullName>Samuel Anderson</FullName>
      </Name>
      <Name Type="PRF">
        <FamilyName>Rowinski</FamilyName>
        <GivenName>Sam</GivenName>
        <FullName>Sam Rowinski </FullName>
      </Name>
    </OtherNames>
    <Demographics>
      <IndigenousStatus>3</IndigenousStatus>
      <Sex>1</Sex>
      <BirthDate>1990-09-26</BirthDate>
      <BirthDateVerification>1004</BirthDateVerification>
      <PlaceOfBirth>Clayton</PlaceOfBirth>
      <StateOfBirth>VIC</StateOfBirth>
      <CountryOfBirth>1101</CountryOfBirth>
      <CountriesOfCitizenship>
        <CountryOfCitizenship>8104</CountryOfCitizenship>
        <CountryOfCitizenship>1101</CountryOfCitizenship>
      </CountriesOfCitizenship>
      <CountriesOfResidency>
        <CountryOfResidency>8104</CountryOfResidency>
        <CountryOfResidency>1101</CountryOfResidency>
      </CountriesOfResidency>
      <CountryArrivalDate>1990-09-26</CountryArrivalDate>
      <AustralianCitizenshipStatus>1</AustralianCitizenshipStatus>
      <EnglishProficiency>
        <Code>1</Code>
      </EnglishProficiency>
      <LanguageList>
        <Language>
          <Code>0001</Code>
          <LanguageType>1</LanguageType>
        </Language>
      </LanguageList>
      <DwellingArrangement>
        <Code>1671</Code>
      </DwellingArrangement>
      <Religion>
        <Code>2013</Code>
      </Religion>
      <ReligiousEventList>
        <ReligiousEvent>
          <Type>Baptism</Type>
          <Date>2000-09-01</Date>
        </ReligiousEvent>
        <ReligiousEvent>
          <Type>Christmas</Type>
          <Date>2009-12-24</Date>
        </ReligiousEvent>
      </ReligiousEventList>
      <ReligiousRegion>The Religion Region</ReligiousRegion>
      <PermanentResident>P</PermanentResident>
      <VisaSubClass>101</VisaSubClass>
      <VisaStatisticalCode>05</VisaStatisticalCode>
    </Demographics>
    <AddressList>
      <Address Type="0123" Role="012A">
        <Street>
          <Line1>Unit1/10</Line1>
          <Line2>Barkley Street</Line2>
        </Street>
        <City>Yarra Glenn</City>
        <StateProvince>VIC</StateProvince>
        <Country>1101</Country>
        <PostalCode>9999</PostalCode>
      </Address>
      <Address Type="0123A" Role="1073">
        <Street>
          <Line1>34 Term Address Street</Line1>
        </Street>
        <City>Home Town</City>
        <StateProvince>WA</StateProvince>
        <Country>1101</Country>
        <PostalCode>9999</PostalCode>
      </Address>
    </AddressList>
    <PhoneNumberList>
      <PhoneNumber Type="0096">
        <Number>03 9637-2289</Number>
        <Extension>72289</Extension>
        <ListedStatus>Y</ListedStatus>
      </PhoneNumber>
      <PhoneNumber Type="0888">
        <Number>0437-765-234</Number>
        <ListedStatus>N</ListedStatus>
      </PhoneNumber>
    </PhoneNumberList>
    <EmailList>
      <Email Type="01">fsmith@yahoo.com</Email>
      <Email Type="02">freddy@gmail.com</Email>
    </EmailList>
  </PersonInfo>
  <Title>Principal</Title>
  <EmploymentStatus>A</EmploymentStatus>
  <MostRecent>
    <SchoolLocalId>S12345</SchoolLocalId>
    <LocalCampusId>D</LocalCampusId>
    <!--SchoolACARAI>VIC687</SchoolACARAI-->
    <NAPLANClassList>
      <ClassCode>9</ClassCode>
      <ClassCode>7</ClassCode>
    </NAPLANClassList>
    <HomeGroup>9G</HomeGroup>
  </MostRecent>
</StaffPersonal>

```

3.3.42 StudentActivityInfo

Co-curricular or extra-curricular activities (e.g., student organizations, inter-school sports, athletics, publications, band, orchestra, and service activities) in which students may participate.

SIF_Events are reported for this object.

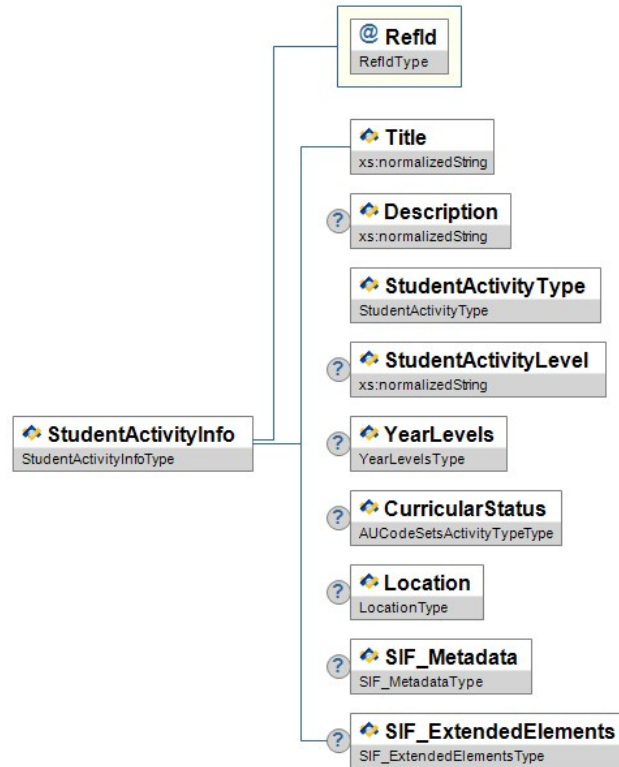


Figure 3.3.42-1: StudentActivityInfo

Element/@Attribute	Char	Description	Type
StudentActivityInfo		Co-curricular or extra-curricular activities (e.g., student organizations, inter-school sports, athletics, publications, band, orchestra, and service activities) in which students may participate.	
@ RefId	M	The ID (GUID) that uniquely identifies the instance of the object.	RefIdType
Title	M	Name of the co-curricular or extra-curricular activity.	xs:normalizedString
Description	O	The description of the co-curricular or extra-curricular activity.	xs:normalizedString
StudentActivityType	M	Information regarding the co-curricular or extra-curricular activity.	StudentActivityType
StudentActivityLevel	O	A description of the separation of level in the activity (e.g. House, Inter-school, Club, State, National).	xs:normalizedString
YearLevels	O	Collection of year levels applicable to this co-curricular or extra-curricular activity.	YearLevelsType
CurricularStatus	O	An indication of the degree to which an activity is related to a student's curriculum.	AUCodeSetsActivityTypeType
Location	O	Location where the activity takes place.	LocationType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.42-1: StudentActivityInfo

```

<StudentActivityInfo RefId="6472B261-0947-583A-463D-BB345291B001">
  <Title>Book Club</Title>
  <Description>Group of middle school students promoting reading</Description>
  <StudentActivityType>
    <Code>6011</Code>
    <OtherCodeList>
      <OtherCode Codeset="Local">MBook</OtherCode>
    </OtherCodeList>
  </StudentActivityType>
  <StudentActivityLevel>Middle School</StudentActivityLevel>
  <YearLevels>
    <YearLevel>
      <Code>5</Code>
    </YearLevel>
    <YearLevel>
      <Code>6</Code>
    </YearLevel>
    <YearLevel>
      <Code>7</Code>
    </YearLevel>
    <YearLevel>
      <Code>8</Code>
    </YearLevel>
  </YearLevels>
  <CurricularStatus>0750</CurricularStatus>
  <Location Type="Classroom">
    <LocationName>Beaconhills Middle School Library</LocationName>
    <LocationRefId SIF_RefObject="RoomInfo">94758261-0947-583A-CEB2-BB345291BAAA</LocationRefId>
  </Location>
</StudentActivityInfo>

```

Example 3.3.42-1: StudentActivityInfo

3.3.43 StudentActivityParticipation

This object provides information on a co-curricular or extra-curricular activity in which a student participates during a given school year.

SIF_Events are reported for this object.

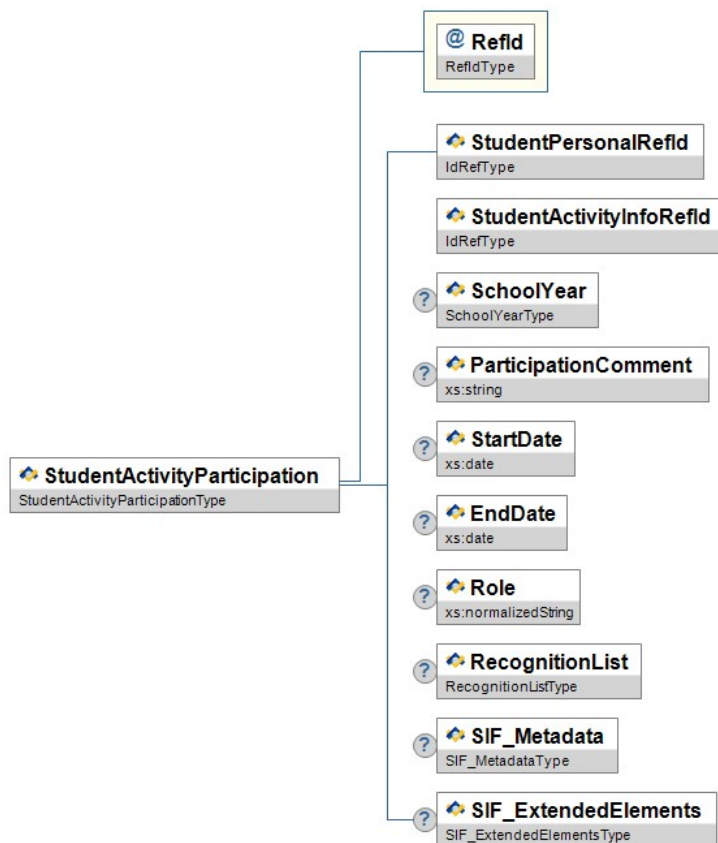


Figure 3.3.43-1: StudentActivityParticipation

Element/@Attribute	Char	Description	Type
StudentActivityParticipation		This object provides information on a co-curricular or extra-curricular activity in which a student participates during a given school year.	
@ RefId	M	The ID (GUID) that uniquely identifies the instance of the object.	RefIdType
StudentPersonalRefId	M	GUID that identifies the student participating in the activity.	IdRefType
StudentActivityInfoRefId	M	GUID that identifies the activity in which the student participates.	IdRefType

Element/@Attribute	Char	Description	Type
SchoolYear	O	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2009").	SchoolYearType
ParticipationComment	O	Comment related to the student's participation in the activity.	xs:string
StartDate	O	This is the date from which the activity participation is valid (inclusive).	xs:date
EndDate	O	This is the date through which the activity participation is valid (inclusive). If element is supported by the publisher/responder, should contain a date if the student withdraws from the activity before the end of the school year.	xs:date
Role	O	Specific role the student plays in the activity (e.g., band leader, student body president).	xs:normalizedString
RecognitionList	O	List of awards and other types of recognition given to the student for this activity.	RecognitionListType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.43-1: StudentActivityParticipation

```
<StudentActivityParticipation RefId="9ECC9683-0E02-406F-926C-1C4D3542D122">
  <StudentPersonalRefId>646C5D4A-C829-4886-A02B-971695C78C06</StudentPersonalRefId>
  <StudentActivityInfoRefId>6472B261-0947-583A-463D-BB345291B001</StudentActivityInfoRefId>
  <SchoolYear>2009</SchoolYear>
  <ParticipationComment>First year of participation</ParticipationComment>
  <StartDate>2008-09-01</StartDate>
  <Role>Team member</Role>
  <RecognitionList>
    <Recognition>0750</Recognition>
  </RecognitionList>
</StudentActivityParticipation>
```

Example 3.3.43-1: StudentActivityParticipation

3.3.44 StudentAttendanceSummary

This object provides a summary of a student's daily attendance and membership information for a given school during the time period between the StartDate and EndDate, inclusive. As such, there may be multiple instances of this object for a student in a school over the course of a school year.

SIF_Events are reported for this object.

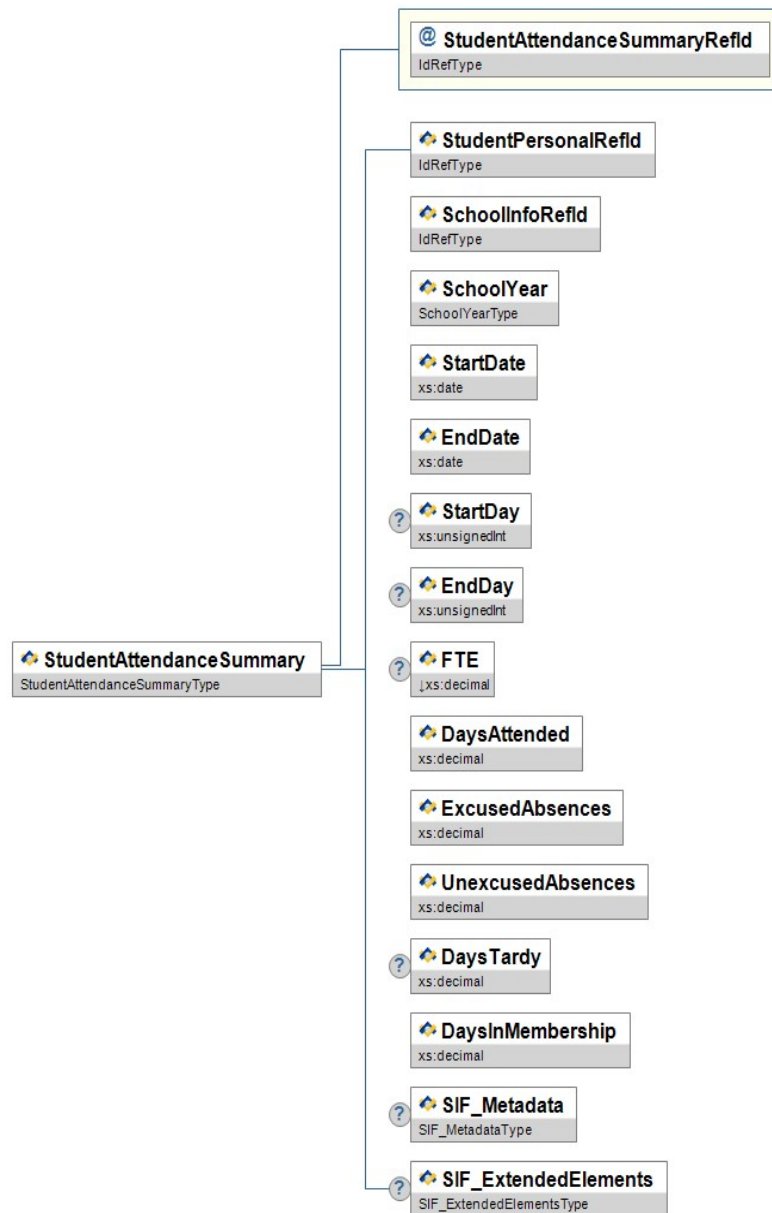


Figure 3.3.44-1: StudentAttendanceSummary

Element/@Attribute	Char	Description	Type
StudentAttendanceSummary		This object provides a summary of a student's daily attendance and membership information for a given school during the time period between the StartDate and EndDate, inclusive. As such, there may be multiple instances of this object for a student in a school over the course of a school year.	
@ StudentAttendanceSummaryRefId	M	An ID (GUID) for this summary of attendance information being reported on. This GUID would be used to form a REST URL.	IdRefType
StudentPersonalRefId	M	The ID (GUID) of the student for whom this attendance information is being reported.	IdRefType
SchoolInfoRefId	M	The ID (GUID) of the school for which this attendance information is being reported.	IdRefType
SchoolYear	M	School year for which the information is applicable.	SchoolYearType
StartDate	M	Starting date of this attendance reporting period.	xs:date
EndDate	M	Ending date of this attendance reporting period.	xs:date

Element/@Attribute	Char	Description	Type						
StartDay	O	Number of the school day represented in StartDate.	xs:unsignedInt						
EndDay	O	Number of the school day represented in EndDate.	xs:unsignedInt						
FTE	O	Full time equivalent numeric value of the student's course load during this attendance period, expressed in decimal form, where 1.00 represents a full time enrollment.	xs:decimal <table border="1"> <tr><td>xs:minInclusive</td><td>0</td></tr> <tr><td>xs:maxInclusive</td><td>1</td></tr> <tr><td>xs:fractionDigits</td><td>2</td></tr> </table>	xs:minInclusive	0	xs:maxInclusive	1	xs:fractionDigits	2
xs:minInclusive	0								
xs:maxInclusive	1								
xs:fractionDigits	2								
DaysAttended	M	The number of days the student attended school when school was in session between the StartDate and EndDate, inclusive.	xs:decimal						
ExcusedAbsences	M	The number of days the student was absent from school with a valid excuse when school was in session between the StartDate and EndDate, inclusive.	xs:decimal						
UnexcusedAbsences	M	The number of days the student was absent from school without a valid excuse when school was in session between the StartDate and EndDate, inclusive.	xs:decimal						
DaysTardy	O	The number of days the student was tardy when school was in session between the StartDate and EndDate, inclusive.	xs:decimal						
DaysInMembership	M	The number of days the student was present plus the number of days the student was absent when school was in session during the period between the StartDate and EndDate, inclusive.	xs:decimal						
SIF_Metadata	O		SIF_MetadataType						
SIF_ExtendedElements	O		SIF_ExtendedElementsType						

Table 3.3.44-1: StudentAttendanceSummary

<pre> <StudentAttendanceSummary StudentAttendanceSummaryRefId="D3476FAE-8647-384B-DA24-31EDA3583211"> <StudentPersonalRefId>7C834EA9-EDA1-2090-347F-83297E1C290</StudentPersonalRefId> <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId> <SchoolYear>2015</SchoolYear> <StartDate>2014-08-30</StartDate> <EndDate>2015-06-10</EndDate> <StartDay>1</StartDay> <EndDay>180</EndDay> <FTE>1.00</FTE> <DaysAttended>178</DaysAttended> <ExcusedAbsences>2</ExcusedAbsences> <UnexcusedAbsences>0</UnexcusedAbsences> <DaysTardy>3</DaysTardy> <DaysInMembership>180</DaysInMembership> </StudentAttendanceSummary> </pre>
--

Example 3.3.44-1: StudentAttendanceSummary

3.3.45 StudentAttendanceTimeList

This object provides more detail about the attendance spans for a single student during the day: it provides more detailed information than the single TimeIn and TimeOut elements in StudentDailyAttendance.

SIF_Events are reported for this object.

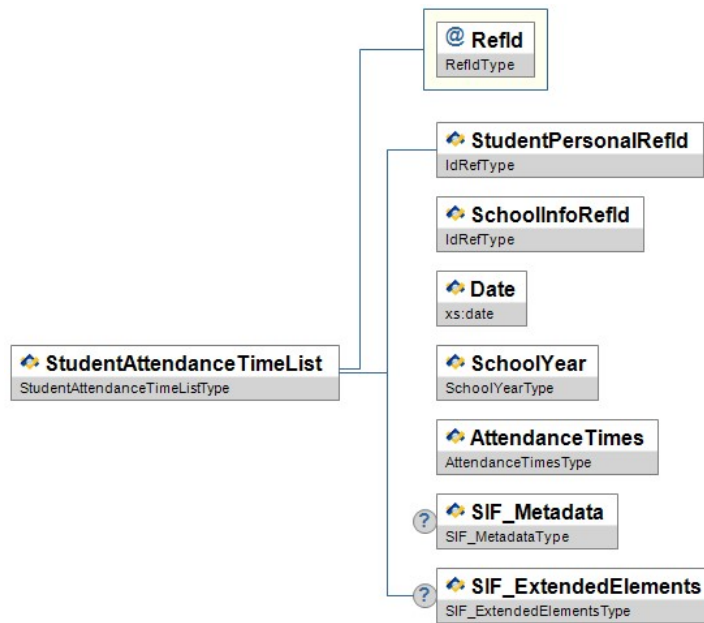


Figure 3.3.45-1: StudentAttendanceTimeList

Element/@Attribute	Char	Description	Type
StudentAttendanceTimeList		This object provides more detail about the attendance spans for a single student during the day: it provides more detailed information than the single TimeIn and TimeOut elements in StudentDailyAttendance.	
@ RefId	M	The ID (GUID) that uniquely identifies the instance of the object.	RefIdType
StudentPersonalRefId	M	The ID (GUID) of the student for whom this attendance information is being reported.	IdRefType
SchoolInfoRefId	M	The ID (GUID) of the school for which this attendance information is being reported.	IdRefType
Date	M	The calendar date to which this attendance reporting period relates.	xs:date
SchoolYear	M	School year for which this enrollment is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007).	SchoolYearType
AttendanceTimes	M	Breakdown of times that the student entered or returned to school.	AttendanceTimesType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.45-1: StudentAttendanceTimeList

```

<StudentAttendanceTimeList RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
  <Date>2002-11-01</Date>
  <SchoolYear>2003</SchoolYear>
  <AttendanceTimes>
    <AttendanceTime>
      <AttendanceCode>
        <Code>200</Code>
        <OtherCodeList>
          <OtherCode Codeset="Local">S</OtherCode>
          <OtherCode Codeset="Text">C</OtherCode>
        </OtherCodeList>
      </AttendanceCode>
      <AttendanceStatus>01</AttendanceStatus>
      <StartTime>11:00:00</StartTime>
      <EndTime>12:05:00</EndTime>
      <DurationValue>0.167</DurationValue>
      <AttendanceNote>Left for Orthodontist appt. and returned to school
        afterward</AttendanceNote>
    </AttendanceTime>
    <AttendanceTime>
      <AttendanceCode>
        <Code>100</Code>
      </AttendanceCode>
      <AttendanceStatus>01</AttendanceStatus>
      <StartTime>09:00:00</StartTime>
      <EndTime>11:00:00</EndTime>
      <AttendanceNote />
    </AttendanceTime>
    <AttendanceTime>
      <AttendanceCode>
        <Code>100</Code>
      </AttendanceCode>
      <AttendanceStatus>01</AttendanceStatus>
      <StartTime>12:05:00</StartTime>
      <EndTime>15:30:00</EndTime>
      <AttendanceNote />
    </AttendanceTime>
  </AttendanceTimes>
</StudentAttendanceTimeList>

```

Example 3.3.45-1: StudentAttendanceTimeList Example

3.3.46 StudentContactPersonal

This object contains information about the people who are referenced as student contacts.

SIF_Events are reported for this object.

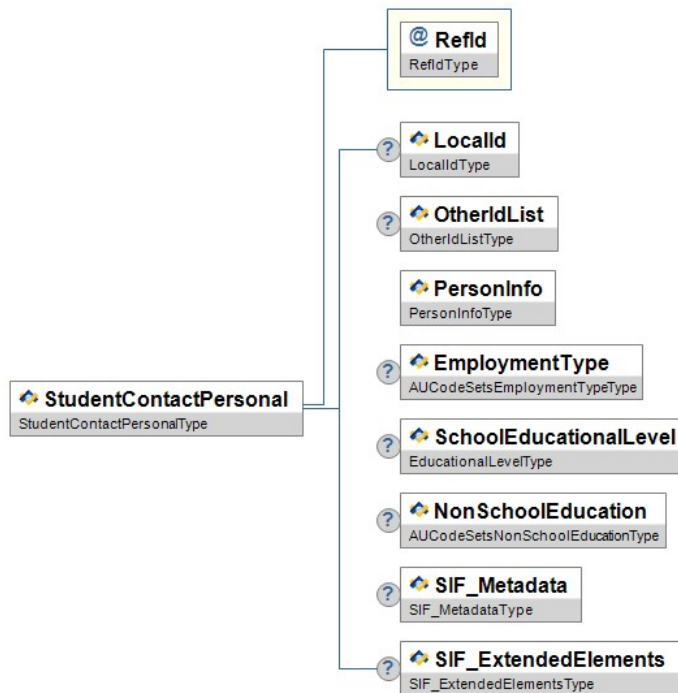


Figure 3.3.46-1: StudentContactPersonal

Element/@Attribute	Char	Description	Type
StudentContactPersonal		This object contains information about the people who are referenced as student contacts.	
@ RefId	M	The ID (GUID) that uniquely identifies the instance of the object.	RefIdType
LocalId	O	The locally-assigned identifier for this person. Note: LocalId may be used as a unique person identifier rather than a unique contact identifier. In this case there may be more than one StudentContactPersonal instance with the same LocalId.	LocalIdType
OtherIdList	O	Lists all "other" identifiers associated with the contact.	OtherIdListType

Element/@Attribute	Char	Description	Type
PersonInfo	M	Personal Information	PersonInfoType
EmploymentType	O	Code that defines employment type. This is compulsory for Parents or Guardians of the Student.	AUCodeSetsEmploymentTypeType
SchoolEducationalLevel	O	The highest level of education completed by the contact person.	EducationalLevelType
NonSchoolEducation	O	This reflects the level of the Contact's Non-School Education.	AUCodeSetsNonSchoolEducationType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.46-1: StudentContactPersonal

```

<StudentContactPersonal RefId="7C834EA9-EDA1-2090-347F-83297E1C290F">
  <LocalId>P1234567</LocalId>
  <OtherIdList>
    <OtherId Type="Health Care Card">098765</OtherId>
    <OtherId Type="Seniors Card">123456789</OtherId>
  </OtherIdList>
  <PersonInfo>
    <Name Type="LGL">
      <FamilyName>Smith</FamilyName>
      <GivenName>Fred</GivenName>
      <FullName>Fred Smith</FullName>
    </Name>
    <OtherNames>
      <Name Type="AKA">
        <FamilyName>Anderson</FamilyName>
        <GivenName>Samuel</GivenName>
        <FullName>Samuel Anderson</FullName>
      </Name>
      <Name Type="PRF">
        <FamilyName>Rowinski</FamilyName>
        <GivenName>Sam</GivenName>
        <FullName>Sam Rowinski</FullName>
      </Name>
    </OtherNames>
    <Demographics>
      <IndigenousStatus>3</IndigenousStatus>
      <Sex>1</Sex>
      <BirthDate>1990-09-26</BirthDate>
      <BirthDateVerification>1004</BirthDateVerification>
      <PlaceOfBirth>Clayton</PlaceOfBirth>
      <StateOfBirth>VIC</StateOfBirth>
      <CountryOfBirth>1101</CountryOfBirth>
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        <CountryOfCitizenship>8104</CountryOfCitizenship>
        <CountryOfCitizenship>1101</CountryOfCitizenship>
      </CountriesOfCitizenship>
      <CountriesOfResidency>
        <CountryOfResidency>8104</CountryOfResidency>
        <CountryOfResidency>1101</CountryOfResidency>
      </CountriesOfResidency>
      <CountryArrivalDate>1990-09-26</CountryArrivalDate>
      <AustralianCitizenshipStatus>1</AustralianCitizenshipStatus>
      <EnglishProficiency>
        <Code>1</Code>
      </EnglishProficiency>
      <LanguageList>
        <Language>
          <Code>0001</Code>
          <LanguageType>1</LanguageType>
        </Language>
      </LanguageList>
      <DwellingArrangement>
        <Code>1671</Code>
      </DwellingArrangement>
      <Religion>
        <Code>2013</Code>
      </Religion>
      <ReligiousEventList>
        <ReligiousEvent>
          <Type>Baptism</Type>
          <Date>2000-09-01</Date>
        </ReligiousEvent>
        <ReligiousEvent>
          <Type>Christmas</Type>
          <Date>2009-12-24</Date>
        </ReligiousEvent>
      </ReligiousEventList>
      <ReligiousRegion>The Religion Region</ReligiousRegion>
      <PermanentResident>P</PermanentResident>
      <VisaSubClass>101</VisaSubClass>
      <VisaStatisticalCode>05</VisaStatisticalCode>
    </Demographics>
    <AddressList>
      <Address Type="0123" Role="012B">
        <Street>
          <Line1>Unit1/10</Line1>
          <Line2>Barkley Street</Line2>
        </Street>
        <City>Yarra Glenn</City>
        <StateProvince>VIC</StateProvince>
        <Country>1101</Country>
        <PostalCode>9999</PostalCode>
      </Address>
      <Address Type="0123A" Role="013A">
        <Street>
          <Line1>34 Term Address Street</Line1>
        </Street>
        <City>Home Town</City>
        <StateProvince>WA</StateProvince>
        <Country>1101</Country>
        <PostalCode>9999</PostalCode>
      </Address>
    </AddressList>
    <PhoneNumberList>
      <PhoneNumber Type="0096">
        <Number>03 9637-2289</Number>
        <Extension>72289</Extension>
        <ListedStatus>Y</ListedStatus>
      </PhoneNumber>
      <PhoneNumber Type="0888">
        <Number>0437-765-234</Number>
        <ListedStatus>N</ListedStatus>
      </PhoneNumber>
    </PhoneNumberList>
    <EmailList>
      <Email Type="01">fsmith@yahoo.com</Email>
      <Email Type="02">fredy@gmail.com</Email>
    </EmailList>
  </PersonInfo>
  <EmploymentType>4</EmploymentType>
  <SchoolEducationalLevel>3</SchoolEducationalLevel>
  <NonSchoolEducation>6</NonSchoolEducation>
</StudentContactPersonal>

```

Example 3.3.46-1: StudentContactPersonal Example

3.3.47 StudentContactRelationship

This object defines a relationship between a contact person and a student.

SIF_Events are reported for this object.

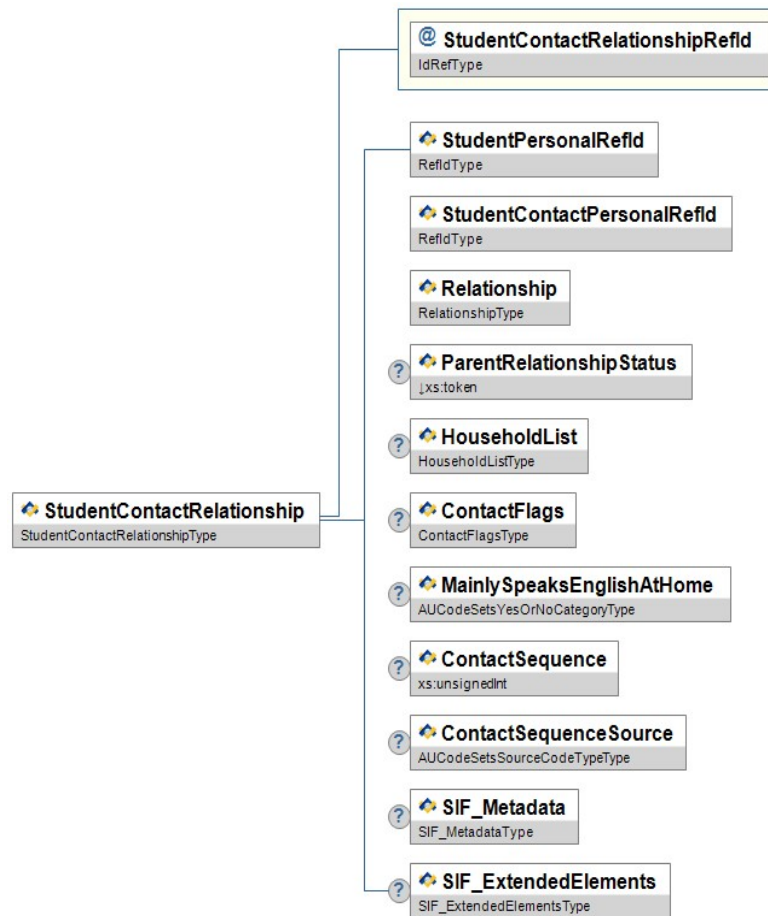


Figure 3.3.47-1: StudentContactRelationship

Element/@Attribute	Char	Description	Type
StudentContactRelationship		This object defines a relationship between a contact person and a student.	
@ StudentContactRelationshipRefId 	M	An ID (GUID) for this particular student-contact relationship. This GUID would be used to form a REST URL.	IdRefType
StudentPersonalRefId	M	GUID that identifies the student for the relationship.	RefIdType
StudentContactPersonalRefId	M	GUID that identifies the contact person for the relationship.	RefIdType
Relationship	M	Defines the relationship of the contact to the student.	RelationshipType
ParentRelationshipStatus	O	Confirms whether or not this contact defined in the relationship is to be tracked for MCEECDYA Data Implementation Manual Reporting.	values: Parent1 Parent2 NotForReporting
HouseholdList	O		HouseholdList
ContactFlags	C	Contains Yes/No characteristics of the contact person's role. Provide a yes value for all that apply. At least one of the child elements of ContactFlags must have a yes value. Do not publish the StudentContactRelationship instance if one of the child elements does not have a yes value.	ContactFlagsType
MainlySpeaksEnglishAtHome	O	Is English the main language spoken at home?	AUCodeSetsYesOrNoCategoryType
ContactSequence	O	Number indicating the order in which the person should be contacted.	xs:unsignedInt
ContactSequenceSource	O	Indicates the source who provided the contact sequence order.	AUCodeSetsSourceCodeTypeType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.47-1: StudentContactRelationship


```

<StudentContactRelationship StudentContactRelationshipRefId="7572B261-0947-583A-463D-BB345291B332">
  <StudentPersonalRefId>DEE34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <StudentContactPersonalRefId>6472B261-0947-583A-463D-BB345291B001</StudentContactPersonalRefId>
  <Relationship>
    <Code>01</Code>
  </Relationship>
  <HouseholdList>
    <Household>FamilyA</Household>
    <Household>FamilyB</Household>
  </HouseholdList>
  <ContactFlags>
    <ParentLegalGuardian>Y</ParentLegalGuardian>
    <PickupRights>Y</PickupRights>
    <LivesWith>N</LivesWith>
    <AccessToRecords>U</AccessToRecords>
    <ReceivesAssessmentReport>Y</ReceivesAssessmentReport>
    <EmergencyContact>Y</EmergencyContact>
    <HasCustody>N</HasCustody>
    <DisciplinaryContact>N</DisciplinaryContact>
    <AttendanceContact>N</AttendanceContact>
    <PrimaryCareProvider>U</PrimaryCareProvider>
    <FeesBilling>Y</FeesBilling>
    <FamilyMail>Y</FamilyMail>
    <InterventionOrder>N</InterventionOrder>
  </ContactFlags>
  <MainlySpeaksEnglishAtHome>U</MainlySpeaksEnglishAtHome>
  <ContactSequence>1</ContactSequence>
  <ContactSequenceSource>P</ContactSequenceSource>
</StudentContactRelationship>

```

Example 3.3.47-1: StudentContactRelationship

3.3.48 StudentDailyAttendance

This object provides daily attendance information for a particular student in a particular school on a particular date.

SIF_Events are reported for this object.

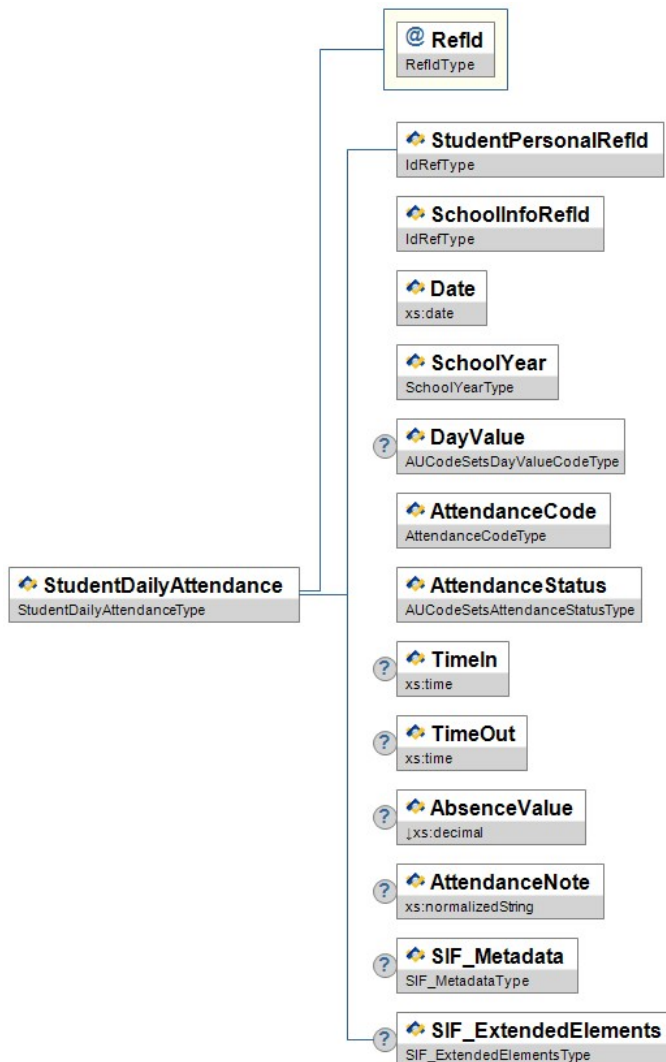


Figure 3.3.48-1: StudentDailyAttendance

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type				
StudentDailyAttendance		This object provides daily attendance information for a particular student in a particular school on a particular date.					
@ RefId	M	The ID (GUID) assigned to uniquely identify this attendance record.	RefIdType				
StudentPersonalRefId	M	The ID (GUID) of the student for whom this attendance information is being reported.	IdRefType				
SchoolInfoRefId	M	The ID (GUID) of the school for which this attendance information is being reported.	IdRefType				
Date	M	The calendar date to which this attendance information relates.	xs:date				
SchoolYear	M	School year for which this enrollment is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007).	SchoolYearType				
DayValue	O	Value of a day this instance represents.	AUCodeSetsDayValueCodeType				
AttendanceCode	M	Locally defined code for attendance.	AttendanceCodeType				
AttendanceStatus	M	Approved or Unapproved status of this attendance code.	AUCodeSetsAttendanceStatusType				
TimeIn	C	The time the student entered or returned to school. Must be provided if 'Partial' chosen for DayValue.	xs:time				
TimeOut	C	The time the student left school. Must be provided if 'Partial' chosen for DayValue..	xs:time				
AbsenceValue	C	Must be provided if the DayValue is "Partial" or "Other". The amount of absence represented by AttendanceCode, up to three decimal places.	xs:decimal <table border="1"> <tr> <td>xs:minInclusive</td> <td>0</td> </tr> <tr> <td>xs:maxInclusive</td> <td>1</td> </tr> </table>	xs:minInclusive	0	xs:maxInclusive	1
xs:minInclusive	0						
xs:maxInclusive	1						
AttendanceNote	O	Note related to this particular attendance.	xs:normalizedString				
SIF_Metadata	O		SIF_MetadataType				
SIF_ExtendedElements	O		SIF_ExtendedElementsType				

Table 3.3.48-1: StudentDailyAttendance

```

<StudentDailyAttendance RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
  <Date>2002-11-01</Date>
  <SchoolYear>2003</SchoolYear>
  <DayValue>Partial</DayValue>
  <AttendanceCode>
    <Code>200</Code>
    <OtherCodeList>
      <OtherCode Codeset="Local">S</OtherCode>
      <OtherCode Codeset="Text">C</OtherCode>
    </OtherCodeList>
  </AttendanceCode>
  <AttendanceStatus>01</AttendanceStatus>
  <TimeIn>13:30:00</TimeIn>
  <TimeOut>12:05:00</TimeOut>
  <AttendanceNote>Left for Orthodontist appt. and returned to school afterward</AttendanceNote>
</StudentDailyAttendance>

```

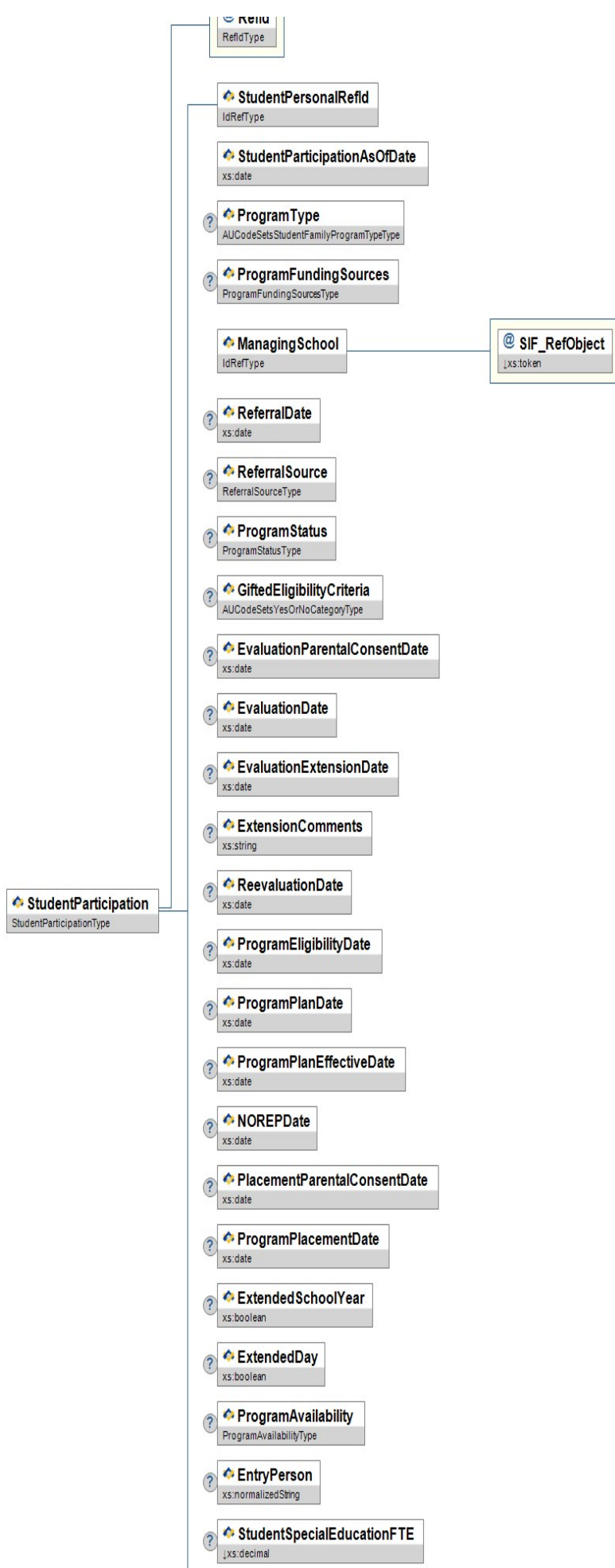
Example 3.3.48-1: StudentDailyAttendance

3.3.49 StudentParticipation

This object contains information pertaining to student eligibility for and participation in an individualized special program such as special education, ESL, etc.

Multiple instances of this object may be transmitted for a particular student because the student may participate in multiple programs and because the details of a student's participation in a given program may change over time. A separate instance of this object must be generated for each program in which the student participates, and the ProgramType element is used to identify the particular program. In addition, each time the student's participation profile changes for a particular program, a new instance of this object must be generated with the appropriate value in the ProgramType element, the effective date of the new profile in StudentParticipationAsOfDate, and a new RefId.

SIF_Events are reported for this object.



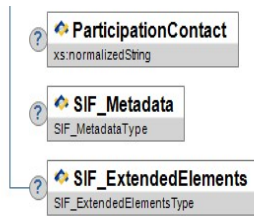


Figure 3.3.49-1: StudentParticipation

Element/@Attribute	Char	Description	Type
StudentParticipation		<p>This object contains information pertaining to student eligibility for and participation in an individualized special program such as special education, ESL, etc.</p> <p>Multiple instances of this object may be transmitted for a particular student because the student may participate in multiple programs and because the details of a student's participation in a given program may change over time. A separate instance of this object must be generated for each program in which the student participates, and the <i>ProgramType</i> element is used to identify the particular program. In addition, each time the student's participation profile changes for a particular program, a new instance of this object must be generated with the appropriate value in the <i>ProgramType</i> element, the effective date of the new profile in <i>StudentParticipationAsOfDate</i>, and a new <i>RefId</i>.</p>	
@ Key RefId	M	This is the unique identification code	RefIdType
StudentPersonalRefId	M	The GUID of the student that this object is linked to.	IdRefType
StudentParticipationAsOfDate	M	Effective date (NOT the entry date) of this <i>StudentParticipation</i> instance for the identified student and program. Each time there is a change to the student's program participation profile, a new instance of this object is to be generated with the appropriate <i>StudentParticipationAsOfDate</i> and a new <i>RefId</i> .	xs:date
ProgramType	O	Identifies the individualised program for which the student's participation is described in this instance	AUCodeSetsStudentFamilyProgramTypeType
ProgramFundingSources	O	List of funding sources	ProgramFundingSourcesType
ManagingSchool	M	The GUID of the school responsible for coordinating the student's program participation.	IdRefType
@ SIF_RefObject	M		values: SchoolInfo
ReferralDate	O	Date student was referred for evaluation/program participation.	xs:date
ReferralSource	O		ReferralSourceType
ProgramStatus	O	The current status of the student's program participation.	ProgramStatusType
GiftedEligibilityCriteria	O	Eligible for Gifted / Talented program?	AUCodeSetsYesOrNoCategoryType
EvaluationParentalConsentDate	O	Date parent(s) consented to completion of evaluation of child for program participation.	xs:date
EvaluationDate	O	Date the evaluation/assessment process for student was completed.	xs:date
EvaluationExtensionDate	O	Actual date by which evaluation must be completed (for state use in determining timeliness in event that parent and LEA agreed to an extension beyond normal state deadline).	xs:date
ExtensionComments	O	Contains any comments on the extension. Optional even if an <i>EvaluationExtensionDate</i> is present.	xs:string
ReevaluationDate	O	Date students will be reevaluated for continued placement in a support program(s).	xs:date
ProgramEligibilityDate	O	Date student is eligible for beginning the support program(s).	xs:date

Element/@Attribute	Char	Description	Type						
ProgramPlanDate	O	Date the most recent program plan was completed and approved by the team responsible for developing it. The date the parent consented to placement is NOREPDDate.	xs:date						
ProgramPlanEffectiveDate	O	Date by which the plan must be implemented for the student.	xs:date						
NOREPDDate	O	Date the Notice of Recommended Educational Placement was signed and approved by the parent / guardian of the student.	xs:date						
PlacementParentalConsentDate	O	Date the parent(s) consented to the proposed placement.	xs:date						
ProgramPlacementDate	O	Date student began the support program.	xs:date						
ExtendedSchoolYear	O	For special education, indicates whether Extended School Year (ESY) / summer services have been determined as necessary	xs:boolean						
ExtendedDay	O	For special education, indicates whether Extended School Day (ESD) services have been determined as necessary.	xs:boolean						
ProgramAvailability	O		ProgramAvailabilityType						
EntryPerson	O	Identification / name of the person who created the transaction that led to the creation of this instance of the object.	xs:normalizedString						
StudentSpecialEducationFTE	O	Calculated ratio of time the student is in a special ed setting. Values range from 0.00 to 1.00. If the student is in a special ed setting 25% of the time, the value is .25; if 100% of the time, the value is 1.00.	xs:decimal <table border="1" style="margin-left: 20px;"> <tr><td>xs:minInclusive</td><td>0</td></tr> <tr><td>xs:maxInclusive</td><td>1</td></tr> <tr><td>xs:fractionDigits</td><td>2</td></tr> </table>	xs:minInclusive	0	xs:maxInclusive	1	xs:fractionDigits	2
xs:minInclusive	0								
xs:maxInclusive	1								
xs:fractionDigits	2								
ParticipationContact	O	Primary contact for this record.	xs:normalizedString						
SIF_Metadata	O		SIF_MetadataType						
SIF_ExtendedElements	O		SIF_ExtendedElementsType						

Table 3.3.49-1: StudentParticipation

```

<StudentParticipation RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <StudentPersonalRefId>A2E34F59-A742-C1A4-B3D1-1CC002B163A2</StudentPersonalRefId>
  <StudentParticipationAsOfDate>2006-07-13</StudentParticipationAsOfDate>
  <ProgramType>0240</ProgramType>
  <ProgramFundingSources>
    <ProgramFundingSource>
      <Code>1</Code>
    </ProgramFundingSource>
  </ProgramFundingSources>
  <ManagingSchool_SIF_RefObject="SchoolInfo">D93F4D18-3A42-C1A4-B3D1-1CC002B163A2</ManagingSchool>
  <ParticipationContact>John Mason</ParticipationContact>
</StudentParticipation>

```

Example 3.3.49-1: StudentParticipation

3.3.50 StudentPeriodAttendance

This object allows recording of period level attendance for a student. The Australian StudentPeriodAttendance object differs to the US StudentPeriodAttendance object in the following ways:

- Student Period Attendance object is usually linked to a SessionInfo object (see below), but it is possible, for simple period attendance packages, to not link period attendance to a session or timetable.
- There will be one provider of the StudentPeriodAttendance within a SIF Zone in Australia. The US, in contrast, has specified objects and events to allow for multiple providers of the StudentPeriodAttendance object in a zone.

SIF_Events are reported for this object.

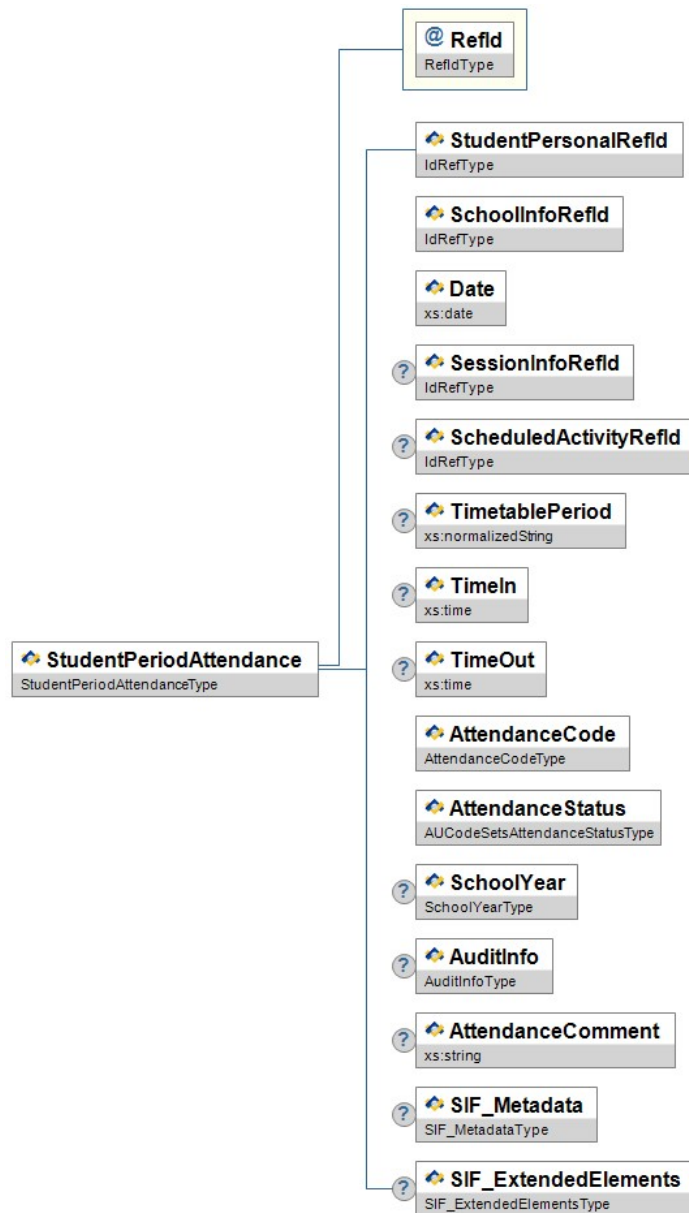


Figure 3.3.50-1: StudentPeriodAttendance

Element/@Attribute	Char	Description	Type
StudentPeriodAttendance		<p>This object allows recording of period level attendance for a student. The Australian StudentPeriodAttendance object differs to the US StudentPeriodAttendance object in the following ways:</p> <ul style="list-style-type: none"> • Student Period Attendance object is usually linked to a SessionInfo object (see below), but it is possible, for simple period attendance packages, to not link period attendance to a session or timetable. • There will be one provider of the StudentPeriodAttendance within a SIF Zone in Australia. The US, in contrast, has specified objects and events to allow for multiple providers of the StudentPeriodAttendance object in a zone. 	
@ RefId	M	The ID (GUID) assigned to uniquely identify this attendance record.	RefIdType
StudentPersonalRefId	M	The GUID of the student that this attendance applies to.	IdRefType
SchoolInfoRefId	M	The school where the attendance was recorded. Somewhat redundant, needed for requests.	IdRefType
Date	M	The date of the attendance event.	xs:date

Element/@Attribute	Char	Description	Type
SessionInfoRefId	O	The GUID of the session that this attendance applies to.	IdRefType
ScheduledActivityRefId	O	The GUID of the ScheduledActivity Object attendance applies to.	IdRefType
TimetablePeriod	O	The period within which attendance is being reported, e.g. "4D".	xs:normalizedString
TimeIn	O	The time the student entered or returned to this class.	xs:time
TimeOut	O	The time the student left this class.	xs:time
AttendanceCode	M	Code that describes the absence or attendance	AttendanceCodeType
AttendanceStatus	M	Approved or Unapproved status of this attendance code.	AUCodeSetsAttendanceStatusType
SchoolYear	O	School year for which this enrollment is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007).	SchoolYearType
AuditInfo	O	An audit trail to help determine who entered this attendance event and when.	AuditInfoType
AttendanceComment	O	This element contains the comments that are relevant to this attendance record.	xs:string
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.50-1: StudentPeriodAttendance

```

<StudentPeriodAttendance RefId="98157AA0-13BA-8C3D-00AA-012B359D7512">
  <StudentPersonalRefId>A75A0010-1A8C-301D-02E3-A05B359D0A00</StudentPersonalRefId>
  <SchoolInfoRefId>11737EA4-301C-ADCA-75C8-7214A7C4680B</SchoolInfoRefId>
  <Date>2001-03-05</Date>
  <TimetablePeriod>P4</TimetablePeriod>
  <AttendanceCode>
    <Code>802</Code>
  </AttendanceCode>
  <AttendanceStatus>01</AttendanceStatus>
</StudentPeriodAttendance>

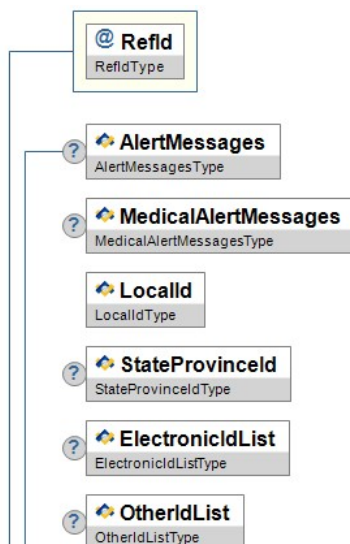
```

Example 3.3.50-1: StudentPeriodAttendance Example

3.3.51 StudentPersonal

This object contains all the personal information related to the student.

SIF_Events are reported for this object.



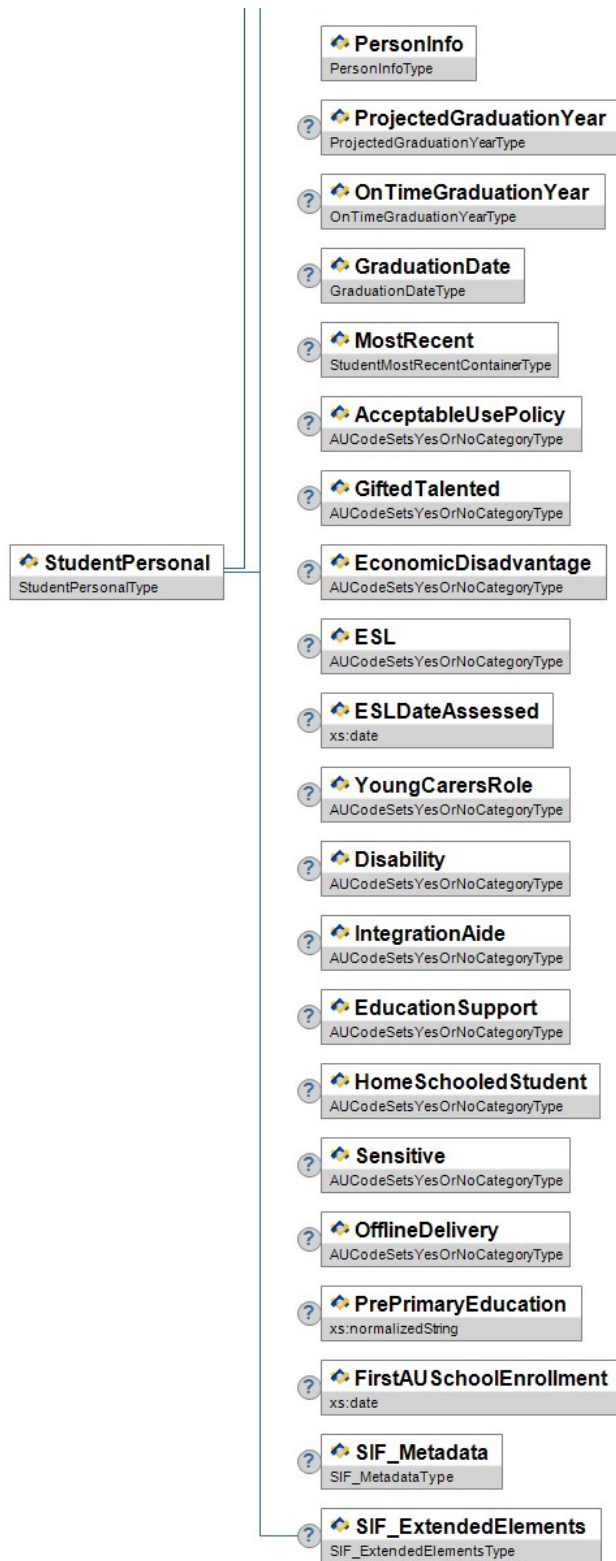


Figure 3.3.51-1: StudentPersonal

Element/@Attribute	Char	Description	Type
StudentPersonal		This object contains all the personal information related to the student.	
@ KeyRefId	M	The GUID of the student.	RefIdType
AlertMessages	O		AlertMessagesType
MedicalAlertMessages	O		MedicalAlertMessagesType
LocalId	M	The locally-assigned identifier for this student.	LocalId

Element/@Attribute	Char	Description	Type
StateProvinceId	O	The state-assigned identifier for this student.	StateProvinceId
ElectronicIdList	O	Electronic identifier(s) associated with this entity.	ElectronicIdListType
OtherIdList	O	Lists all "other" identifiers associated with the student.	OtherIdListType
PersonInfo	M	Personal Information	PersonInfoType
ProjectedGraduationYear	O	Currently projected graduation year.	ProjectedGraduationYearType
OnTimeGraduationYear	O	First projected graduation year, usually determined when student is accepted into 9th grade.	OnTimeGraduationYearType
GraduationDate	O	Date student officially graduated from secondary education.	GraduationDateType
MostRecent	O	Container for elements reflecting the most recent enrollment of a student. If the student is currently enrolled in the district, the elements contain current information.	StudentMostRecentContainerType
AcceptableUsePolicy	O	Does the student have a current signed Acceptable Use Policy document for system access?	AUCodeSetsYesOrNoCategoryType
GiftedTalented	O		AUCodeSetsYesOrNoCategoryType
EconomicDisadvantage	O	Does the student meet the State criteria for classification as having an economic disadvantage?	AUCodeSetsYesOrNoCategoryType
ESL	O	Does the student meet 'English as a Second Language Criteria'?	AUCodeSetsYesOrNoCategoryType
ESLDateAssessed	O	Date ESL eligibility was assessed. Having access to the date the last ESL assessment took place enables a school or the department to initiate a new assessment if required.	xs:date
YoungCarersRole	O	Is the student a carer of other family members?	AUCodeSetsYesOrNoCategoryType
Disability	O	Does the student have funding for disability?	AUCodeSetsYesOrNoCategoryType
IntegrationAide	O	Does the Student require an Integration Aide?	AUCodeSetsYesOrNoCategoryType
EducationSupport	O	Is the student in receipt of education support?	AUCodeSetsYesOrNoCategoryType
HomeSchooledStudent	O	Student is not attending any school registered in the Australian School List. Mandatory if true.	AUCodeSetsYesOrNoCategoryType
Sensitive	O	For local use by jurisdictions where a court order, custody order or other restriction or risk exists and the student's record needs to be treated sensitively as restrictions on use apply.	AUCodeSetsYesOrNoCategoryType
OfflineDelivery	O	Note that the student is unable to sit an assessment via an online delivery mode.	AUCodeSetsYesOrNoCategoryType
PrePrimaryEducation	O	Care prior to kinder enrolment (eg. Family day care/home/extended care etc).	xs:normalizedString
FirstAUSchoolEnrollment	O	Date of the first enrolment in an Australian School	xs:date
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.51-1: StudentPersonal

```

<StudentPersonal RefId="7C834EA9-EDA1-2090-347F-83297E1C290C">
  <AlertMessages>
    <AlertMessage Type="Legal">Mother is legal guardian</AlertMessage>
  </AlertMessages>
  <MedicalAlertMessages>
    <MedicalAlertMessage Severity="Severe">Student has Peanut Allergy</MedicalAlertMessage>
    <MedicalAlertMessage Severity="Moderate">Student has Diabetes</MedicalAlertMessage>
  </MedicalAlertMessages>
  <LocalId>S1234567</LocalId>
  <StateProvinceId>ABC1234</StateProvinceId>
  <ElectronicIdList>
    <ElectronicId Type="03">ZZZZZ21</ElectronicId>
    <ElectronicId Type="03">ZZZZZ22</ElectronicId>
  </ElectronicIdList>
  <OtherIdList>
    <OtherId Type="PreviousNAPPlatformStudentId">888rdgf</OtherId>
    <OtherId Type="DiocesanStudentId">1234</OtherId>
  </OtherIdList>
  <PersonInfo>
    <Name Type="LGL">
      <FamilyName>Smith</FamilyName>
      <GivenName>Fred</GivenName>
      <FullName>Fred Smith</FullName>
    </Name>
    <OtherNames>
      <Name Type="AKA">
        <FamilyName>Anderson</FamilyName>
        <GivenName>Samuel</GivenName>
        <FullName>Samuel Anderson</FullName>
      </Name>
      <Name Type="PRF">
        <FamilyName>Rowinski</FamilyName>
        <GivenName>Sam</GivenName>
        <FullName>Sam Rowinski</FullName>
      </Name>
    </OtherNames>
    <Demographics>
      <IndigenousStatus>3</IndigenousStatus>
      <Sex>1</Sex>
      <BirthDate>1990-09-26</BirthDate>
      <BirthDateVerification>1004</BirthDateVerification>
      <PlaceOfBirth>Clayton</PlaceOfBirth>
      <StateOfBirth>VIC</StateOfBirth>
      <CountryOfBirth>1101</CountryOfBirth>
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        <CountryOfCitizenship>8104</CountryOfCitizenship>
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      </CountriesOfCitizenship>
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        <CountryOfResidency>1101</CountryOfResidency>
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      <AustralianCitizenshipStatus>1</AustralianCitizenshipStatus>
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        <Code>1671</Code>
      </DwellingArrangement>
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      <ReligiousEventList>
        <ReligiousEvent>
          <Type>Baptism</Type>
          <Date>2000-09-01</Date>
        </ReligiousEvent>
        <ReligiousEvent>
          <Type>Christmas</Type>
          <Date>2009-12-24</Date>
        </ReligiousEvent>
      </ReligiousEventList>
      <ReligiousRegion>The Religion Region</ReligiousRegion>
      <PermanentResident>P</PermanentResident>
      <VisaSubClass>101</VisaSubClass>
      <VisaStatisticalCode>05</VisaStatisticalCode>
      <VisaSubClassList>
        <VisaSubClass>
          <Code>401</Code>
          <VisaExpiryDate>2019-07-25</VisaExpiryDate>
          <ATEExpiryDate>2016-12-26</ATEExpiryDate>
          <ATEStartDate>2017-12-26</ATEStartDate>
          <VisaStatisticalCode>05</VisaStatisticalCode>
        </VisaSubClass>
      </VisaSubClassList>
    </Demographics>
    <AddressList>
      <Address Type="0123" Role="2382">
        <Street>
          <Line1>Unit1/10</Line1>
          <Line2>Barkley Street</Line2>
        </Street>
        <City>Yarra Glenn</City>
        <StateProvince>VIC</StateProvince>
        <Country>1101</Country>
        <PostalCode>9999</PostalCode>
      </Address>
      <Address Type="0123A" Role="013A">
        <Street>
          <Line1>34 Term Address Street</Line1>
        </Street>
        <City>Home Town</City>
        <StateProvince>WA</StateProvince>
        <Country>1101</Country>
        <PostalCode>9999</PostalCode>
      </Address>
    </AddressList>
    <PhoneNumberList>
      <PhoneNumber Type="0096">
        <Number>03 9637-2289</Number>
        <Extension>72289</Extension>
        <ListedStatus>Y</ListedStatus>
      </PhoneNumber>
      <PhoneNumber Type="0888">
        <Number>0437-765-234</Number>
        <ListedStatus>N</ListedStatus>
      </PhoneNumber>
    </PhoneNumberList>
    <EmailList>

```

```

    <Email Type="01">fsmith@yahoo.com</Email>
    <Email Type="02">freddy@gmail.com</Email>
  </EmailList>
</PersonInfo>
<ProjectedGraduationYear>2014</ProjectedGraduationYear>
<OnTimeGraduationYear>2012</OnTimeGraduationYear>
<MostRecent>
  <SchoolLocalId>S1234567</SchoolLocalId>
  <HomeroomLocalId>hr12345</HomeroomLocalId>
  <YearLevel>
    <Code>P</Code>
  </YearLevel>
  <FTE>0.5</FTE>
  <Parent1Language>1201</Parent1Language>
  <Parent2Language>1201</Parent2Language>
  <LocalCampusId>D</LocalCampusId>
  <SchoolACARAIId>VIC687</SchoolACARAIId>
  <Homegroup>7A</Homegroup>
  <ClassCode>English 7D</ClassCode>
  <MembershipType>02</MembershipType>
  <FFPOS>2</FFPOS>
  <ReportingSchoolId>VIC670</ReportingSchoolId>
  <OtherEnrollmentSchoolACARAIId>VIC6273</OtherEnrollmentSchoolACARAIId>
</MostRecent>
<AcceptableUsePolicy>Y</AcceptableUsePolicy>
<EconomicDisadvantage>N</EconomicDisadvantage>
<ESL>Y</ESL>
<ESLDateAssessed>2016-04-23</ESLDateAssessed>
<YoungCarersRole>N</YoungCarersRole>
<Disability>N</Disability>
<IntegrationAide>N</IntegrationAide>
<EducationSupport>N</EducationSupport>
<HomeSchoolledStudent>N</HomeSchoolledStudent>
<Sensitive>N</Sensitive>
</StudentPersonal>

```

Example 3.3.51-1: StudentPersonal

3.3.52 StudentSchoolEnrollment

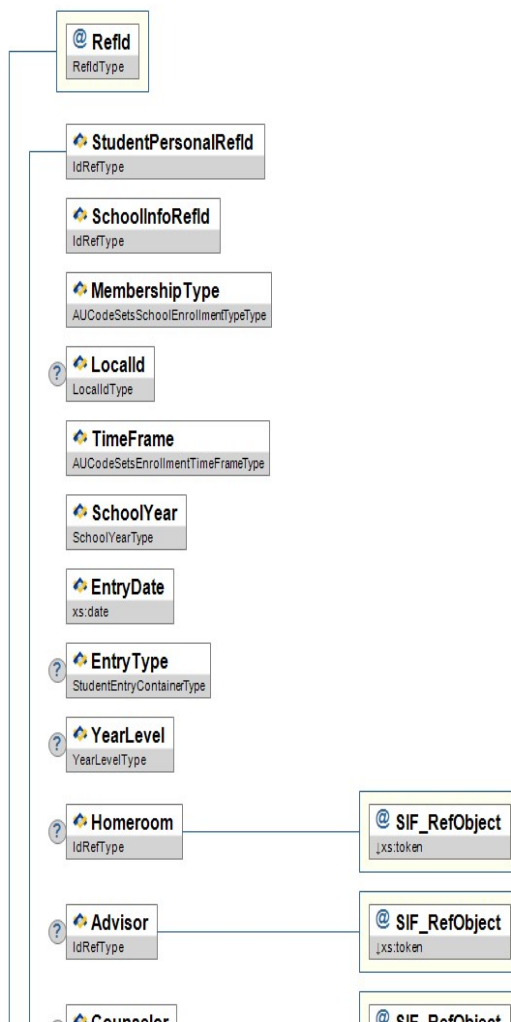
This object defines information related to a student's enrollment. StudentSchoolEnrollment instances must not span multiple school years.

Note there is only one current home enrollment at a time per student. Only one instance of the StudentSchoolEnrollment object must exist for a given student with MembershipType=01 (Home School) and TimeFrame=C (Current) for the time interval between EntryDate and ExitDate, inclusive.

A StudentSchoolEnrollment object should be re-published when the TimeFrame attribute changes, regardless of when the data entry is done. This is in addition to the practice of publishing the object at the time the data changes in the corresponding application.

When the object is re-published, it must contain all the data in the object that is supported by the publisher.

SIF_Events are reported for this object.



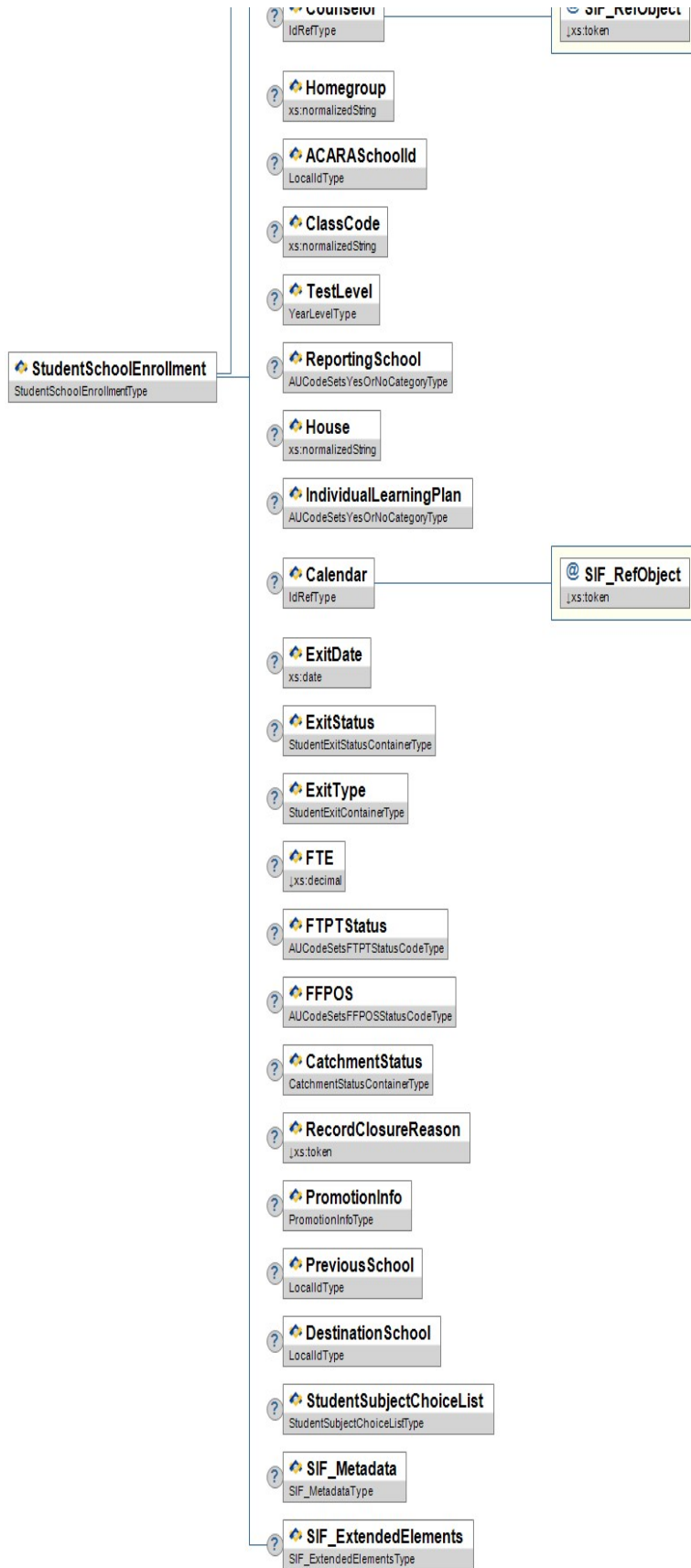


Figure 3.3.52-1: StudentSchoolEnrollment

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
StudentSchoolEnrollment		<p>This object defines information related to a student's enrollment. StudentSchoolEnrollment instances must not span multiple school years.</p> <p>Note there is only one current home enrollment at a time per student. Only one instance of the StudentSchoolEnrollment object must exist for a given student with MembershipType=01 (Home School) and TimeFrame=C (Current) for the time interval between EntryDate and ExitDate, inclusive.</p> <p>A StudentSchoolEnrollment object should be re-published when the TimeFrame attribute changes, regardless of when the data entry is done. This is in addition to the practice of publishing the object at the time the data changes in the corresponding application.</p> <p>When the object is re-published, it must contain all the data in the object that is supported by the publisher.</p>	
@ RefId	M	The ID (GUID) that uniquely identifies a particular enrollment.	RefIdType
StudentPersonalRefId	M	The ID (GUID) of the student to whom this information is linked.	IdRefType
SchoolInfoRefId	M	The ID (GUID) of the school to which this enrollment applies.	IdRefType
MembershipType	M	The type of this enrollment as it relates to the school identified in SchoolInfoRefId.	AUCodeSetsSchoolEnrollmentTypeType
LocalId	O	The locally-assigned identifier for this student enrollment.	LocalId
TimeFrame	M	The timeframe of the enrollment based on the SIF_date of last publication. For events, it is determined as of the date the event is generated. For requests and responses, it is calculated based on the date of the request.	AUCodeSetsEnrollmentTimeFrameType
SchoolYear	M	School year for which this enrollment is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007). StudentSchoolEnrollment instances must not span multiple school years.	SchoolYearType
EntryDate	M	The date from when this enrollment is valid.	xs:date
EntryType	O	Container elements for EntryType information	StudentEntryContainerType
YearLevel	O	Year or academic level of student.	YearLevelType
Homeroom	O	Homeroom for this enrollment.	IdRefType
@ SIF_RefObject	M	The name of the object referenced.	values: RoomInfo
Advisor	O	Staff member assigned as an advisor.	IdRefType
@ SIF_RefObject	M	The name of the object referenced.	values: StaffPersonal
Counselor	O	Staff member assigned as an advisor.	IdRefType
@ SIF_RefObject	M	The name of the object referenced.	values: StaffPersonal
Homegroup	O	The name of the homegroup the student enrollment belongs to.	xs:normalizedString
ACARASchoolId	O	ACARA School Id.	LocalIdType

Element/@Attribute	Char	Description	Type						
ClassCode	O	The name of the class code the student belongs to, for the purposes of NAPLAN registration.	xs:normalizedString						
TestLevel	O	Values: 3,5,7,9. The test level that the student is registering for.	YearLevelType						
ReportingSchool	O	Is this the school to which student's report is to be made available?	AUCodeSetsYesOrNoCategoryType						
House	O	The name of the house the student belongs to.	xs:normalizedString						
IndividualLearningPlan	O	Does this student have an individual learning plan in place?	AUCodeSetsYesOrNoCategoryType						
Calendar	O	The calendar assigned to this enrollment.	IdRefType						
@ SIF_RefObject	M	The name of the object referenced.	values: CalendarSummary						
ExitDate	C	The last school calendar day of this enrollment. If the student has exited the school or the enrollment has a RecordClosureReason, ExitDate must have a value.	xs:date						
ExitStatus	O	Container element for exit status codes.	StudentExitStatusContainerType						
ExitType	O		StudentExitContainerType						
FTE	O	Full-time equivalent numeric value of the student's course load during this enrollment, expressed in decimal form, where 1.00 represents a full-time enrollment.	xs:decimal <table border="1"> <tr> <td>xs:minInclusive</td> <td>0</td> </tr> <tr> <td>xs:maxInclusive</td> <td>1</td> </tr> <tr> <td>xs:fractionDigits</td> <td>2</td> </tr> </table>	xs:minInclusive	0	xs:maxInclusive	1	xs:fractionDigits	2
xs:minInclusive	0								
xs:maxInclusive	1								
xs:fractionDigits	2								
FTPTStatus	O	An indication of whether the student is enrolled full time or part time.	AUCodeSetsFTPTStatusCodeType						
FFPOS	O	Enrolled Full-fee Paying Overseas Student (FFPOS) Status. Enrolment Frame Element 10 NSCC Collection. The status of an enrolment in a CRICOS course and whether the person is liable for a fee which reflects the imputed full average cost of the person's education at the school (including both recurrent and capital costs) irrespective of the actual arrangements to meet the fee.	AUCodeSetsFFPOSStatusCodeType						
CatchmentStatus	O	Container element for location of an individual's legal residence relative to (within or outside) the boundaries of the school for this enrolment. Enrolment Catchment Status.	CatchmentStatusContainerType						
RecordClosureReason	O	The reason why this enrollment was closed. The EndOfYear option must be used to convey status change due to rollover activity.	values: SchoolExit TimeDependentDataChange EndOfYear CampusExit						
PromotionInfo	O	Information on a student's promotion, retention, or demotion related to this enrollment instance.	PromotionInfoType						
PreviousSchool	O	If the student has previously been enrolled at a school, i.e. student is transferring, the previous school number.	LocalIdType						
DestinationSchool	O	If the student has exited the school, the local id of the school to which the student has transferred to.	LocalIdType						
StudentSubjectChoiceList	O	List of Student Subject Choices where available.	StudentSubjectChoiceListType						
SIF_Metadata	O		SIF_MetadataType						
SIF_ExtendedElements	O		SIF_ExtendedElementsType						

Table 3.3.52-1: StudentSchoolEnrollment

```

<StudentSchoolEnrollment RefId="A8C3D3E3-4B35-9D75-101D-00AA001A1652">
  <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <SchoolInfoRefId>D3E34B35-9D75-101A-8C3D-00AA001A1651</SchoolInfoRefId>
  <MembershipType>01</MembershipType>
  <TimeFrame>C</TimeFrame>
  <SchoolYear>2004</SchoolYear>
  <EntryDate>2004-01-29</EntryDate>
  <EntryType>
    <Code>1838</Code>
  </EntryType>
  <YearLevel>
    <Code>10</Code>
  </YearLevel>
  <Homeroom SIF_RefObject="RoomInfo">D7510D3E-34B3-591A-8C3D-00AA001A1651</Homeroom>
  <Advisor SIF_RefObject="StaffPersonal">B359D3E3-4D75-101A-8C3D-00AA001A1652</Advisor>
  <FTE>1.00</FTE>
  <FTPTStatus>01</FTPTStatus>
</StudentSchoolEnrollment>

```

Example 3.3.52-1: StudentSchoolEnrollment

3.3.53 StudentSectionEnrollment

This object contains information about a student's enrollment in a section of a course.

SIF_Events are reported for this object.

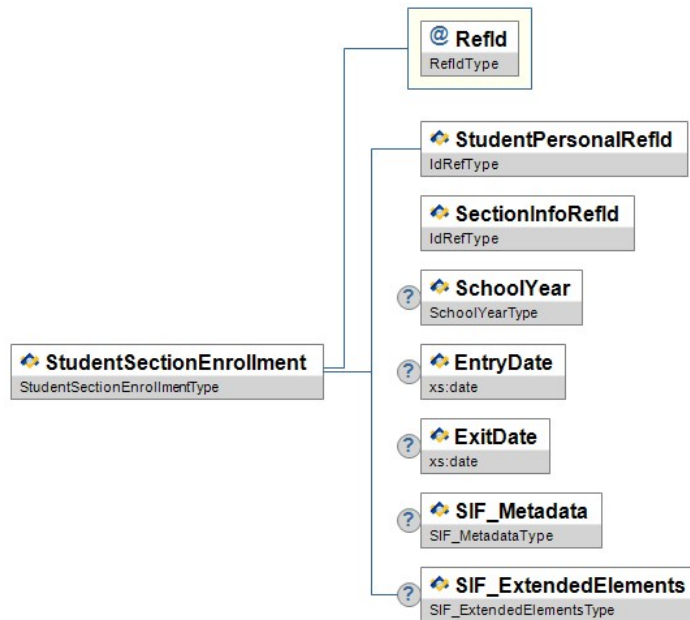


Figure 3.3.53-1: StudentSectionEnrollment

Element/@Attribute	Char	Description	Type
StudentSectionEnrollment		This object contains information about a student's enrollment in a section of a course.	
@ RefId	M	The Id (GUID) that uniquely identifies this StudentSectionEnrollment entity.	RefIdType
StudentPersonalRefId	M	The Id (GUID) of the student to whom the enrollment information applies.	IdRefType
SectionInfoRefId	M	The Id (GUID) of the section in which this student is enrolled.	IdRefType
SchoolYear	O	School year for which the information is applicable, expressed as the four-digit year. e.g. 2013	SchoolYearType
EntryDate	O	Date from when this course section enrollment is valid.	xs:date
ExitDate	O	The last school calendar day (membership day) the student was enrolled in the course section (inclusive).	xs:date
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.53-1: StudentSectionEnrollment

```

<StudentSectionEnrollment RefId="983AC165-9879-3002-C3D0-0AA00456789D">
  <StudentPersonalRefId>CAE29316-5987-101A-8C3D-00AA00456789</StudentPersonalRefId>
  <SectionInfoRefId>9076AB23-E386-112B-7EA2-256100BB3312</SectionInfoRefId>
  <SchoolYear>2013</SchoolYear>
  <EntryDate>2013-02-02</EntryDate>
  <ExitDate>2013-11-15</ExitDate>
</StudentSectionEnrollment>

```

Example 3.3.53-1: StudentSectionEnrollment

3.3.54 SystemRole

The SystemRole Object defines the systems that a user has access to, the roles they perform within those systems, and the scope of those roles within the particular system.

The RoleScopeList is used to list the entities over which the user has access rights.

SIF_Events are reported for this object.

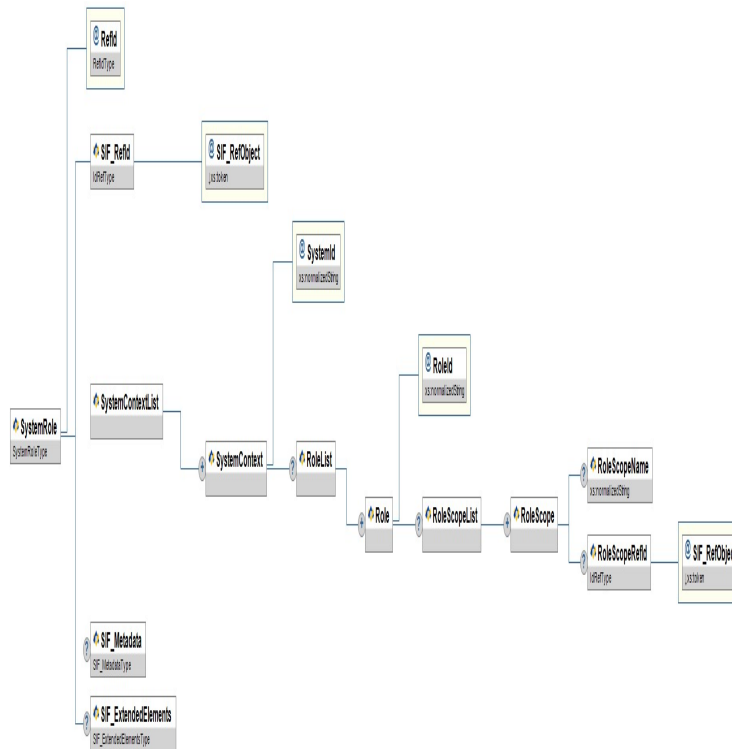


Figure 3.3.54-1: SystemRole

Element/@Attribute	Char	Description	Type
SystemRole		The SystemRole Object defines the systems that a user has access to, the roles they perform within those systems, and the scope of those roles within the particular system. The RoleScopeList is used to list the entities over which the user has access rights.	
@ RefId	M	The SIF RefId that uniquely identifies this object.	RefIdType
SIF_RefId	M	The SIF RefId that provides the source Object for this SystemRole Object.	IdRefType
@ SIF_RefObject	M	The type of SIF object that the SIF_RefId attribute identifies.	values: Identity StudentPersonal StaffPersonal StudentContactPersonal
SystemContextList	M	At least one SystemContext must be provided.	List
SystemContextList/SystemContext	MR	Details about enterprise roles for an Identity/Personal Object for subscribing systems	
@ SystemId	M	Id of the system that this SystemContext relates to.	xs:normalizedString
SystemContextList/SystemContext/ RoleList	O	List of Roles.	List

Element/@Attribute	Char	Description	Type
SystemContextList/SystemContext/RoleList/Role	MR	Role of the entity this object describes in the SystemContext.	
@ RoleId	M	Role of the entity this object describes in the SystemContext. Examples Admin User	xs:normalizedString
SystemContextList/SystemContext/RoleList/Role/RoleScopeList	O		List
SystemContextList/SystemContext/RoleList/Role/RoleScopeList/RoleScope	MR	Container	
SystemContextList/SystemContext/RoleList/Role/RoleScopeList/RoleScope/RoleScopeName	C	The group/OU this role is applicable to. One of RoleScopeName or associated RefId must be provided.	xs:normalizedString
SystemContextList/SystemContext/RoleList/Role/RoleScopeList/RoleScope/RoleScopeRefId	C	The SIF_RefId that provides the source Object for this RoleScope. One of RoleScopeName or associated RefId must be provided.	IdRefType
@ SIF_RefObject	M	The type of SIF object that the SIF_RefId attribute identifies.	values: SchoolInfo TeachingGroup StudentActivityParticipation
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.54-1: SystemRole

<pre> <SystemRole RefId="4286194F-43ED-43C1-8EE2-F0A27C4BEF86"> <SIF_RefId SIF_RefObject="Identity">23B08571-E4D6-45C3-B82A-3E52E5349925</SIF_RefId> <SystemContextList> <SystemContext SystemId="LearningPlatformSystem1"> <RoleList> <Role RoleId="Admin"> <RoleScopeList> <RoleScope> <RoleScopeName>SchoolGroupName1</RoleScopeName> <RoleScopeRefId SIF_RefObject="SchoolInfo">23B08571-E4D6-45C3-B82A-3E52E5349912</RoleScopeRefId> </RoleScope> <RoleScope> <RoleScopeName>ClassName1</RoleScopeName> <RoleScopeRefId SIF_RefObject="TeachingGroup">23B08571-E4D6-45C3-B82A-3E52E5349945</RoleScopeRefId> </RoleScope> </RoleScopeList> </Role> </RoleList> </SystemContext> <SystemContext SystemId="ContentManagement"> <RoleList> <Role RoleId="User"> <RoleScopeList> <RoleScope> <RoleScopeName>SchoolName1</RoleScopeName> <RoleScopeRefId SIF_RefObject="StudentActivityParticipation">23B08571-E4D6-45C3-B82A-3E52E5349923</RoleScopeRefId> </RoleScope> </RoleScopeList> </Role> </RoleList> </SystemContext> </SystemContextList> </SystemRole> </pre>

Example 3.3.54-1: SystemRole

3.3.55 TeachingGroup

This object identifies a particular Teaching Group or class in a particular a time table.

The proposed object is based on the UK B1: TeachingGroup object. For the Australian object, a subject being taught at any one year level can have more than one teaching group in any one time table. Also a teaching group can be brought together for more than one subject.

All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.

SIF_Events are reported for this object.

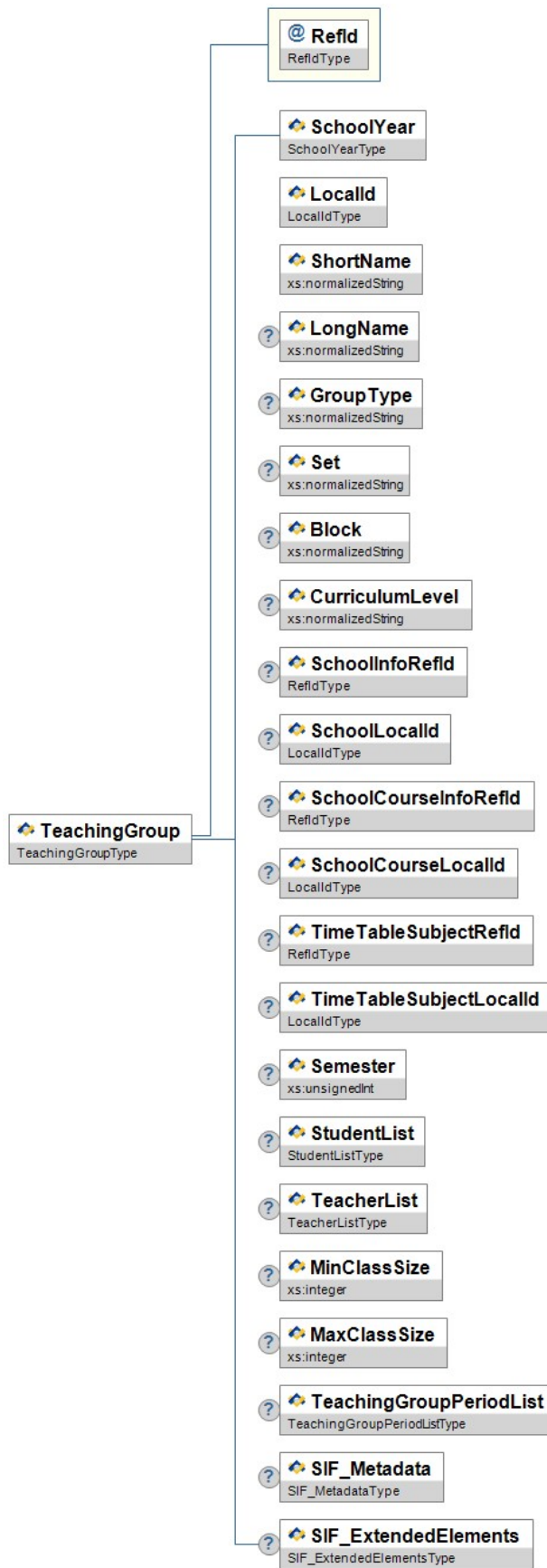


Figure 3.3.55-1: TeachingGroup

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
TeachingGroup		<p>This object identifies a particular Teaching Group or class in a particular a time table.</p> <p>The proposed object is based on the UK B1: TeachingGroup object. For the Australian object, a subject being taught at any one year level can have more than one teaching group in any one time table. Also a teaching group can be brought together for more than one subject.</p> <p>All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.</p>	
@ RefId	M	The GUID of the TeachingGroup	RefIdType
SchoolYear	M	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2007").	SchoolYearType
LocalId	M	LocalId of the Teaching Group (previously ClassIndicator).	LocalIdType
ShortName	M	Short free format label that describes the group.	xs:normalizedString
LongName	O	Longer description if required.	xs:normalizedString
GroupType	O	Added to allow local implementations to filter on categories of Teaching Group. Where there is a need to filter particular groups based on their types for particular functions; group type provides the means of identifying the type of group such as roll class or subject class for instance and treat them accordingly.	xs:normalizedString
Set	O	Set Number (UK)	xs:normalizedString
Block	O	Block (UK)	xs:normalizedString
CurriculumLevel	O	Assessment Stage eg VELS Level	xs:normalizedString
SchoolInfoRefId	O	GUID of SchoolInfo object this teaching group belongs to.	RefIdType
SchoolLocalId	O	Local School Id.	LocalIdType
SchoolCourseInfoRefId	O	GUID of SchoolCourseInfo object this teaching group is part of.	RefIdType
SchoolCourseLocalId	O	Local Course Id.	LocalIdType
TimeTableSubjectRefId	O	GUID of TimeTableSubject object this teaching group belongs to.	RefIdType
TimeTableSubjectLocalId	O	Local subject Id.	LocalIdType
Semester	O	Semester, Term, or Quarter subject offered.	xs:unsignedInt
StudentList	O	List of Students in this Teaching Group	StudentListType

Element/@Attribute	Char	Description	Type
TeacherList	O	A List of teachers associated with the group – may or may not include the teacher timetabled in the schedule.	TeacherListType
MinClassSize	O	Minimum class size.	xs:integer
MaxClassSize	O	Maximum class size	xs:integer
TeachingGroupPeriodList	O	A List of schedule information that can be published by an SIS which is a subset of information available in the TimeTableCell object. PeriodId or StartTime must be provided.	TeachingGroupPeriodListType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.55-1: TeachingGroup

<pre> <TeachingGroup RefId="64A309DA-063A-2E35-B359-D75101A8C3D1"> <SchoolYear>2008</SchoolYear> <LocalId>20087ASPN</LocalId> <ShortName>7A SPN</ShortName> <LongName>Year 7A Maths – Space and Numbers</LongName> <Set>4</Set> <Block>6</Block> <CurriculumLevel>VELS Level 5</CurriculumLevel> <StudentList> <TeachingGroupStudent> <StudentPersonalRefId>9897466F-200E-4BC1-B9AE-D1507DA15CEF</StudentPersonalRefId> <StudentLocalId>SMI001</StudentLocalId> <Name Type="LGL"> <FamilyName>Smith</FamilyName> <GivenName>Peter</GivenName> </Name> </TeachingGroupStudent> <TeachingGroupStudent> <StudentPersonalRefId>7C834EA9-EDA1-2090-347F-83297E1C290D</StudentPersonalRefId> <StudentLocalId>SMI002</StudentLocalId> <Name Type="LGL"> <FamilyName>Smith</FamilyName> <GivenName>Jennifer</GivenName> </Name> </TeachingGroupStudent> <TeachingGroupStudent> <StudentPersonalRefId>7C834EA9-EDA1-2090-347F-83297E1C290E</StudentPersonalRefId> <StudentLocalId>SMI003</StudentLocalId> <Name Type="LGL"> <FamilyName>Smith</FamilyName> <GivenName>Terence</GivenName> </Name> </TeachingGroupStudent> </StudentList> <TeacherList> <TeachingGroupTeacher> <StaffPersonalRefId>A8C3A2E3-5B35-9D75-101D-00AA001A0000</StaffPersonalRefId> <StaffLocalId>SMI1</StaffLocalId> <Name Type="LGL"> <FamilyName>Smith</FamilyName> <GivenName>Thomas</GivenName> </Name> <Association>Class Teacher</Association> </TeachingGroupTeacher> <TeachingGroupTeacher> <StaffPersonalRefId>A8CCCE3-5B35-9D75-101D-00AA001A0000</StaffPersonalRefId> <StaffLocalId>LONG2</StaffLocalId> <Name Type="LGL"> <FamilyName>Long</FamilyName> <GivenName>Tamarac</GivenName> </Name> <Association>Integration Aide</Association> </TeachingGroupTeacher> </TeacherList> <TeachingGroupPeriodList> <TeachingGroupPeriod> <DayId>M</DayId> <PeriodId>2</PeriodId> </TeachingGroupPeriod> <TeachingGroupPeriod> <DayId>F</DayId> <PeriodId>6</PeriodId> </TeachingGroupPeriod> </TeachingGroupPeriodList> </TeachingGroup> </pre>
--

Example 3.3.55-1: TeachingGroup

3.3.56 TermInfo

This object provides information about a term; i.e., a reportable period of time.

SIF_Events are reported for this object.

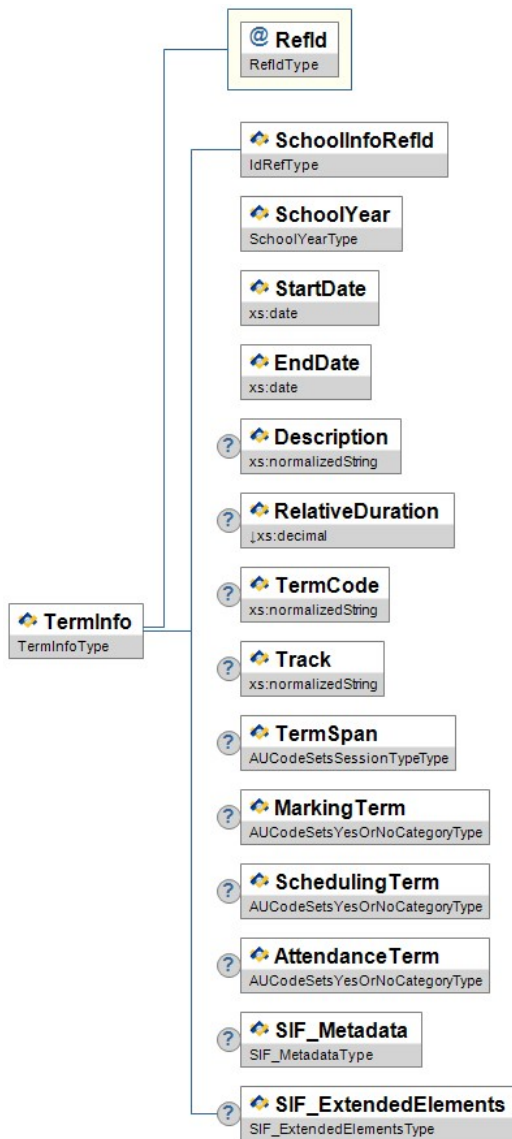


Figure 3.3.56-1: TermInfo

Element/@Attribute	Char	Description	Type
TermInfo		This object provides information about a term; i.e., a reportable period of time.	
@ RefId 	M	The ID (GUID) that uniquely identifies this TermInfo entity.	RefIdType
SchoolInfoRefId	M	The ID (GUID) that identifies the school where the term is used.	IdRefType
SchoolYear	M	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2009").	SchoolYearType
StartDate	M	Starting date of the term.	xs:date
EndDate	M	Ending date of the term.	xs:date
Description	O	Text-based description of the term.	xs:normalizedString

Element/@Attribute	Char	Description	Type						
RelativeDuration	O	Portion of the school year represented by this term, expressed in decimal form precise to 4 decimal places (e.g., 0.1333).	xs:decimal <table border="1"> <tr><td>xs:minInclusive</td><td>0</td></tr> <tr><td>xs:maxInclusive</td><td>1</td></tr> <tr><td>xs:fractionDigits</td><td>4</td></tr> </table>	xs:minInclusive	0	xs:maxInclusive	1	xs:fractionDigits	4
xs:minInclusive	0								
xs:maxInclusive	1								
xs:fractionDigits	4								
TermCode	O	Locally-defined code.	xs:normalizedString						
Track	O	The name, description, or code of the track that contains this term. This is used when there are multiple tracks within a school. For instance, kindergarten commonly has a different set of terms than other grades within the school.	xs:normalizedString						
TermSpan	O	What sort of Session this TermSpan equates to.	AUCodeSetsSessionTypeType						
MarkingTerm	O	Does this TermInfo represent a marking period?	AUCodeSetsYesOrNoCategoryType						
SchedulingTerm	O	Does this TermInfo represent a scheduling term?	AUCodeSetsYesOrNoCategoryType						
AttendanceTerm	O	Does this TermInfo represent an attendance term?	AUCodeSetsYesOrNoCategoryType						
SIF_Metadata	O		SIF_MetadataType						
SIF_ExtendedElements	O		SIF_ExtendedElementsType						

Table 3.3.56-1: TermInfo

```
<TermInfo RefId="7E59D751-01A8-0A70-0163-75DE097A0726">
  <SchoolInfoRefId>A2E35B35-9D75-101A-8C3D-00AA001A0000</SchoolInfoRefId>
  <SchoolYear>2012</SchoolYear>
  <StartDate>2012-01-05</StartDate>
  <EndDate>2012-04-01</EndDate>
  <Description>First Term 2012</Description>
  <RelativeDuration>0.2500</RelativeDuration>
  <TermCode>Sp2004</TermCode>
  <Track>PreK</Track>
  <TermSpan>0833</TermSpan>
</TermInfo>
```

Example 3.3.56-1: TermInfo

3.3.57 TimeTable

The purpose of this object is to define a schedule or Time Table structure/skeleton for the school. The Time Table is produced by the Time Tabling software. Once the Time Table is produced, the time tabling software creates the schedule based on business rules and constraints to fit into the time table structure.

The proposed Time Table object is based on a combination of the proposed UK B6 – Timetable Cycle Object and Timetable Scope Object.

The Time Table is identified uniquely in the SIF Zone by its GUID, School and School Year. A Time Table is linked to a particular school.

All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not be possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.

SIF_Events are reported for this object.

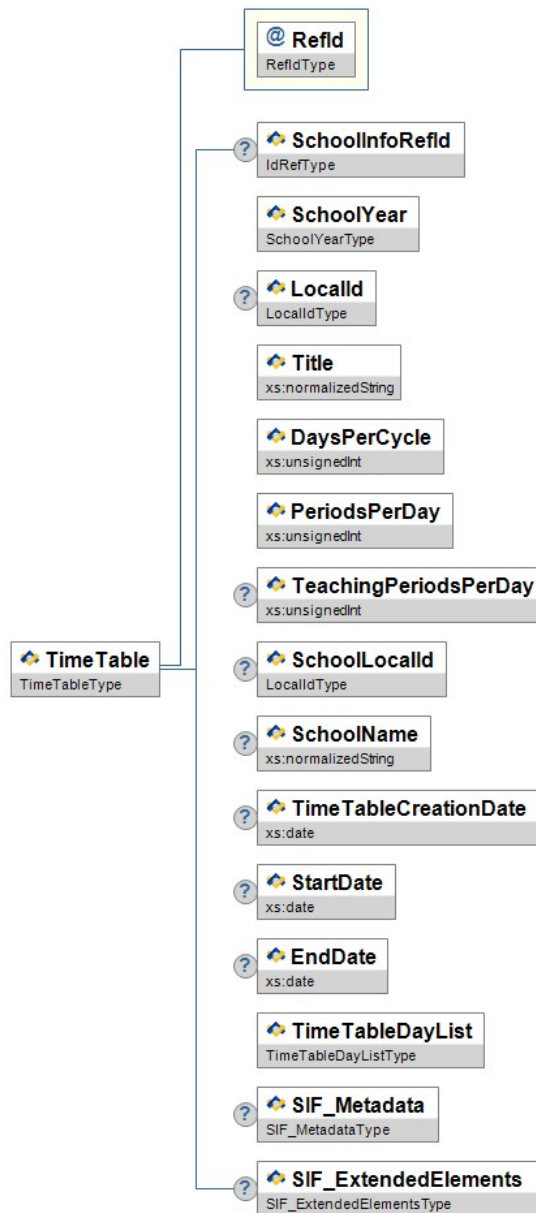



Figure 3.3.57-1: TimeTable

Element/@Attribute	Char	Description	Type
TimeTable		<p>The purpose of this object is to define a schedule or Time Table structure/skeleton for the school. The Time Table is produced by the Time Tabling software. Once the Time Table is produced, the time tabling software creates the schedule based on business rules and constraints to fit into the time table structure.</p> <p>The proposed Time Table object is based on a combination of the proposed UK B6 – Timetable Cycle Object and Timetable Scope Object.</p> <p>The Time Table is identified uniquely in the SIF Zone by its GUID, School and School Year. A Time Table is linked to a particular school.</p> <p>All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.</p>	
@ RefId 	M	GUID that identifies this TimeTable object.	RefIdType
SchoolInfoRefId	O	Optional, the GUID of the SchoolInfo Object if this object is known in the zone.	IdRefType

Element/@Attribute	Char	Description	Type
SchoolYear	M	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2007").	SchoolYearType
LocalId	O	Local TimeTable ID	LocalIdType
Title	M	Unique Name of the proposed Time Table	xs:normalizedString
DaysPerCycle	M	Max Number of days per Time Table cycle	xs:unsignedInt
PeriodsPerDay	M	Max Number of periods per Time Table Day	xs:unsignedInt
TeachingPeriodsPerDay	O	Teaching periods per day if different to PeriodsPerDay	xs:unsignedInt
SchoolLocalId	O	Optional Local School Id	LocalIdType
SchoolName	O	The school name in plain text.	xs:normalizedString
TimeTableCreationDate	O	Date Schedule was created or last edited.	xs:date
StartDate	O	First day of TimeTable.	xs:date
EndDate	O	Last day of the TimeTable.	xs:date
TimeTableDayList	M	Container for TimeTableDays in Schedule	TimeTableDayListType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.57-1: TimeTable


```

<TimeTable RefId="64A309DA-063A-2E35-B359-D75101A8C3D0">
  <SchoolInfoRefId>F2256EE2-B67F-47D6-AB47-94D4DEE0D0AD</SchoolInfoRefId>
  <SchoolYear>2008</SchoolYear>
  <LocalId>2008S1</LocalId>
  <Title>2008 Semester 1</Title>
  <DaysPerCycle>5</DaysPerCycle>
  <PeriodsPerDay>6</PeriodsPerDay>
  <TeachingPeriodsPerDay>5</TeachingPeriodsPerDay>
  <SchoolLocalId>01011234</SchoolLocalId>
  <SchoolName>Newest Secondary College</SchoolName>
  <TimeTableCreationDate>2008-02-01</TimeTableCreationDate>
  <StartDate>2008-01-30</StartDate>
  <EndDate>2008-06-20</EndDate>
  <TimeTableDayList>
    <TimeTableDay>
      <DayId>1</DayId>
      <DayTitle>Monday</DayTitle>
      <TimeTablePeriodList>
        <TimeTablePeriod>
          <PeriodId>1</PeriodId>
          <PeriodTitle>P1</PeriodTitle>
        </TimeTablePeriod>
        <TimeTablePeriod>
          <PeriodId>2</PeriodId>
          <PeriodTitle>P2</PeriodTitle>
        </TimeTablePeriod>
        <TimeTablePeriod>
          <PeriodId>3</PeriodId>
          <PeriodTitle>P3</PeriodTitle>
        </TimeTablePeriod>
        <TimeTablePeriod>
          <PeriodId>4</PeriodId>
          <PeriodTitle>P4</PeriodTitle>
        </TimeTablePeriod>
        <TimeTablePeriod>
          <PeriodId>5</PeriodId>
          <PeriodTitle>P5</PeriodTitle>
        </TimeTablePeriod>
        <TimeTablePeriod>
          <PeriodId>6</PeriodId>
          <PeriodTitle>P6</PeriodTitle>
        </TimeTablePeriod>
      </TimeTablePeriodList>
    </TimeTableDay>
    <TimeTableDay>
      <DayId>2</DayId>
      <DayTitle>Tuesday</DayTitle>
      <TimeTablePeriodList>
        <TimeTablePeriod>
          <PeriodId>1</PeriodId>
          <PeriodTitle>P1</PeriodTitle>
        </TimeTablePeriod>
        <TimeTablePeriod>
          <PeriodId>2</PeriodId>
          <PeriodTitle>P2</PeriodTitle>
        </TimeTablePeriod>
        <TimeTablePeriod>
          <PeriodId>3</PeriodId>
          <PeriodTitle>P3</PeriodTitle>
        </TimeTablePeriod>
        <TimeTablePeriod>
          <PeriodId>4</PeriodId>
          <PeriodTitle>P4</PeriodTitle>
        </TimeTablePeriod>
        <TimeTablePeriod>
          <PeriodId>5</PeriodId>
          <PeriodTitle>P5</PeriodTitle>
        </TimeTablePeriod>
        <TimeTablePeriod>
          <PeriodId>6</PeriodId>
          <PeriodTitle>P6</PeriodTitle>
        </TimeTablePeriod>
      </TimeTablePeriodList>
    </TimeTableDay>
  </TimeTableDayList>
</TimeTable>

```






Example 3.3.57-1: TimeTable

3.3.58 TimeTableCell

The purpose of this object is to identify a specific cell within a particular TimeTable. A time table is a structure that represents all the available days and times (periods) for which a particular teaching group, or subject can be scheduled.

A TimeTableCell is uniquely identified in the ZIF zone by its GUID.

And the following must be provided at object creation:

-  the timetable it belongs to,
-  the subject that is being scheduled,
-  the teaching group (representing the students, teachers and subject),
-  the room that is allocated,
-  the allocated teacher.

All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not be possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.

SIF_Events are reported for this object.

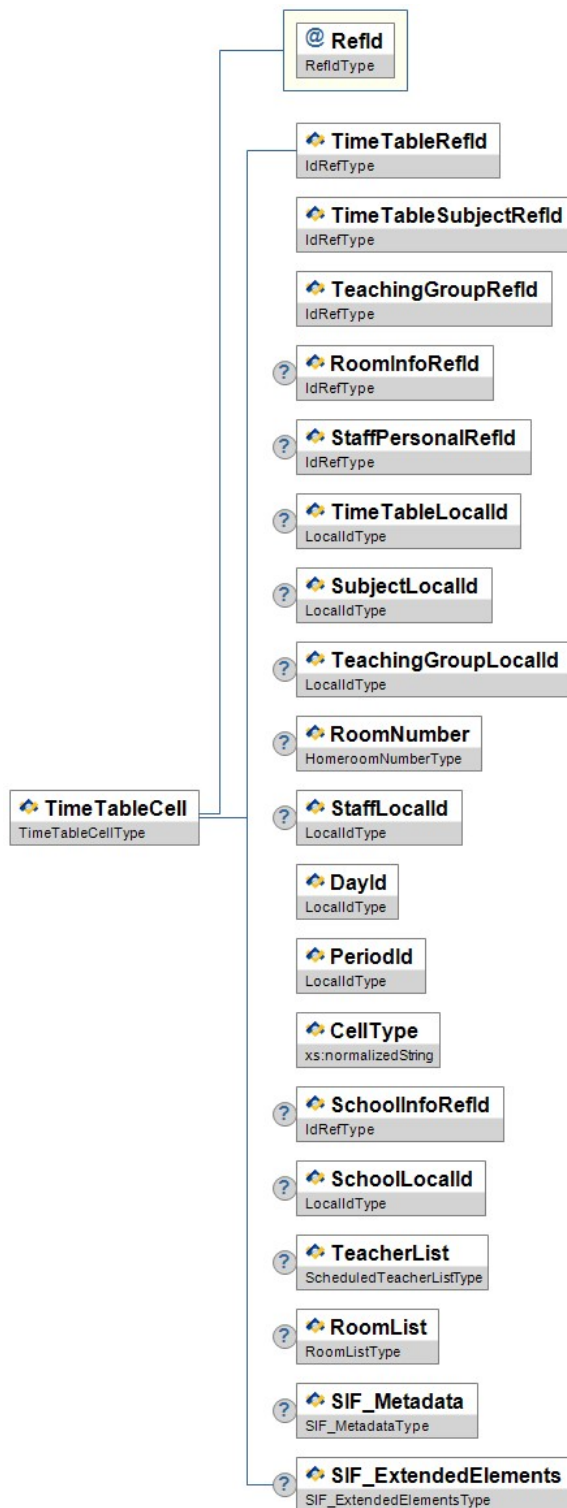


Figure 3.3.58-1: TimeTableCell

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
TimeTableCell		<p>The purpose of this object is to identify a specific cell within a particular TimeTable. A time table is a structure that represents all the available days and times (periods) for which a particular teaching group, or subject can be scheduled.</p> <p>A TimeTableCell is uniquely identified in the ZIF zone by its GUID.</p> <p>And the following must be provided at object creation:</p> <ul style="list-style-type: none"> • the timetable it belongs to, • the subject that is being scheduled, • the teaching group (representing the students, teachers and subject), • the room that is allocated, • the allocated teacher. <p>All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not be possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.</p>	
@ KeyRefId	M	The GUID of the TimeTableCell	RefIdType
TimeTableRefId	M	The GUID of the TimeTable to which this Cell belongs	IdRefType
TimeTableSubjectRefId	M	The GUID of the Subject that this Cell is scheduling	IdRefType
TeachingGroupRefId	M	The GUID of the TeachingGroup being scheduled	IdRefType
RoomInfoRefId	O	The GUID of the Resource being Scheduled	IdRefType
StaffPersonalRefId	O	The GUID of the Staff Member being Scheduled	IdRefType
TimeTableLocalId	O	Time Table Local Identifier	LocalIdType
SubjectLocalId	O	Subject Local Id	LocalIdType
TeachingGroupLocalId	O	Teaching Group	LocalIdType
RoomNumber	O	Room number as presented to the user/application.	HomeRoomNumberType
StaffLocalId	O	Staff LocalId	LocalIdType
DayId	M	Day Id	LocalIdType
PeriodId	M	Period Id within the Day Id	LocalIdType
CellType	M	Type of Lesson/Session eg Teaching, Lunch etc	xs:normalizedString
SchoolInfoRefId	O	Optional, the GUID of the SchoolInfo Object if this object is known in the zone	IdRefType
SchoolLocalId	O	Optional, Local School Id	LocalIdType

Element/@Attribute	Char	Description	Type
TeacherList	O	A listing of the teachers assigned to the activity, and the type of supervision they are credited with. If no teachers are listed, the activity is assumed to be unsupervised.	ScheduledTeacherListType
RoomList	O	List of rooms in which the scheduled activity is held. Used for onsite venues which are represented in the source system as rooms. Can include large venues (ovals, library, etc), if they have been represented as rooms; source system practice varies.	RoomListType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.58-1: TimeTableCell

```

<TimeTableCell RefId="64A309DA-063A-2E35-B359-D75101A8C3D1">
  <TimeTableRefId>64A309DA-063A-2E35-B359-D75101A8C3D0</TimeTableRefId>
  <TimeTableSubjectRefId>22860091-7192-4584-AB0C-F5B9DC19DE5C</TimeTableSubjectRefId>
  <TeachingGroupRefId>64A309DA-063A-2E35-B359-D75101A8C3D1</TeachingGroupRefId>
  <RoomInfoRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</RoomInfoRefId>
  <StaffPersonalRefId>D3E34F41-9D75-101A-8C3D-00AA001A1652</StaffPersonalRefId>
  <TimeTableLocalId>200851</TimeTableLocalId>
  <SubjectLocalId>07AR</SubjectLocalId>
  <TeachingGroupLocalId>20087ASPN 200851</TeachingGroupLocalId>
  <RoomNumber>101</RoomNumber>
  <StaffLocalId>946379881</StaffLocalId>
  <DayId>1</DayId>
  <PeriodId>1</PeriodId>
  <CellType>T</CellType>
  <SchoolInfoRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</SchoolInfoRefId>
  <SchoolLocalId>01011234</SchoolLocalId>
  <TeacherList>
    <TeacherCover>
      <StaffPersonalRefId>98157AA0-13BA-8C3D-00AA-012B359D7512</StaffPersonalRefId>
      <StaffLocalId>U58923</StaffLocalId>
      <StartTime>12:05:00</StartTime>
      <FinishTime>13:00:00</FinishTime>
      <Credit>In-Lieu</Credit>
      <Supervision>MinimalSupervision</Supervision>
      <Weighting>0.5</Weighting>
    </TeacherCover>
    <TeacherCover>
      <StaffPersonalRefId>A75A0010-1A8C-301D-02E3-A058359D0A00</StaffPersonalRefId>
      <StaffLocalId>ZY3213</StaffLocalId>
      <StartTime>13:00:00</StartTime>
      <FinishTime>13:30:00</FinishTime>
      <Credit>Extra</Credit>
      <Supervision>MinimalSupervision</Supervision>
      <Weighting>0.5</Weighting>
    </TeacherCover>
  </TeacherList>
  <RoomList>
    <RoomInfoRefId>11737EA4-301C-ADCA-75C8-7214A7C46BDB</RoomInfoRefId>
  </RoomList>
</TimeTableCell>

```

Example 3.3.58-1: TimeTableCell

3.3.59 TimeTableSubject

This purpose of this object is to define and communicate the subject or distinct piece of curriculum that needs to be scheduled by the time table generator. This is a new object proposed to meet SIF-AU needs. Reviews of the existing specifications identified two relevant objects - SchoolCourseInfo, defined in SIF US 2.2 specification and SchoolGroup, defined within the SIF UK 1.1 specification. These objects appear to have some similar context but seem overly complex considering that Australian requirements, which are limited to the Student Administration System or Curriculum Delivery System providing base information to the Time Tabling application about what curriculum offerings are being proposed. When this data is sent in a Request/Response only those subjects that are relevant to be scheduled (or active), should be sent to the TimeTabling application.

All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not be possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.

SIF_Events are reported for this object.

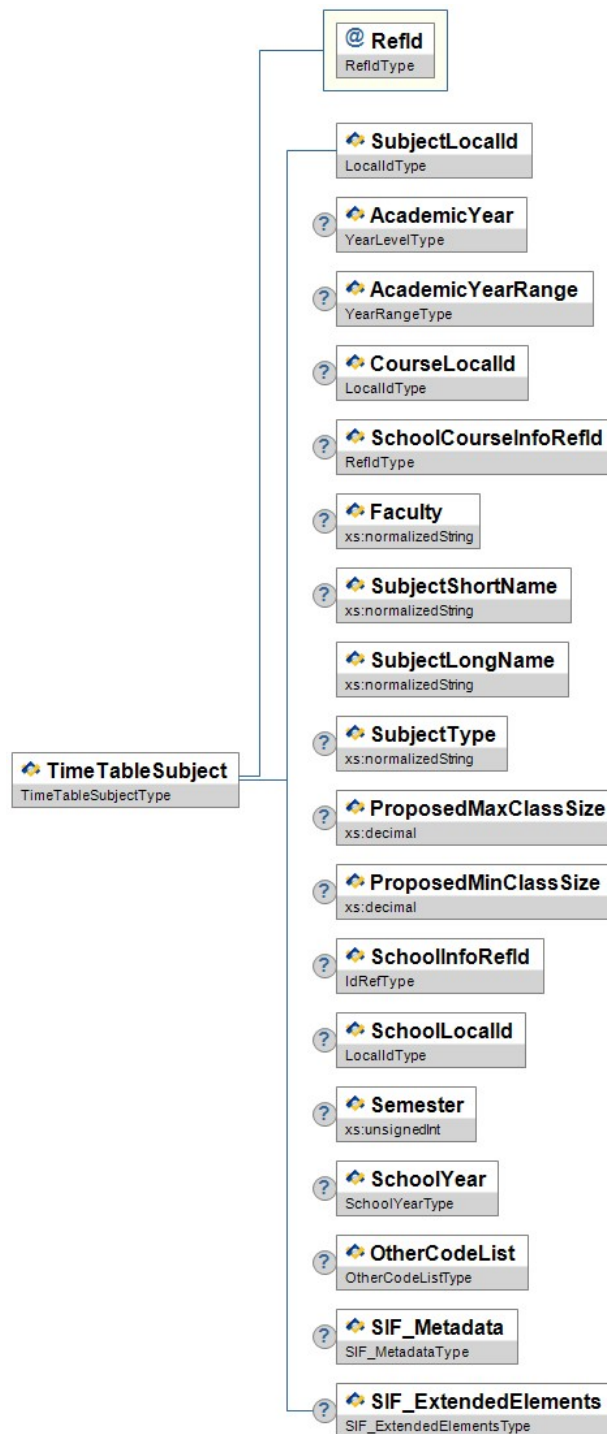


Figure 3.3.59-1: TimeTableSubject

Element/@Attribute	Char	Description	Type
TimeTableSubject		<p>This purpose of this object is to define and communicate the subject or distinct piece of curriculum that needs to be scheduled by the time table generator. This is a new object proposed to meet SIF-AU needs. Reviews of the existing specifications identified two relevant objects - SchoolCourseInfo, defined in SIF US 2.2 specification and SchoolGroup, defined within the SIF UK 1.1 specification. These objects appear to have some similar context but seem overly complex considering that Australian requirements, which are limited to the Student Administration System or Curriculum Delivery System providing base information to the Time Tabling application about what curriculum offerings are being proposed. When this data is sent in a Request/Response only those subjects that are relevant to be scheduled (or active), should be sent to the TimeTabling application.</p> <p>All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.</p>	

Element/@Attribute	Char	Description	Type
@ Key RefId	M	GUID that identifies this TimeTableSubject.	RefIdType
SubjectLocalId	M	SubjectLocalID - Distinct piece of curriculum that is to be scheduled.	LocalIdType
AcademicYear	C	Subject Year Level. Either AcademicYear or AcademicYearRange must be provided.	YearLevelType
AcademicYearRange	C	Range of Academic Years subject spans. Either AcademicYear or AcademicYearRange must be provided.	YearRangeType
CourseLocalId	O	Local Course Id, if associated with a Course.	LocalIdType
SchoolCourseInfoRefId	O	The GUID of the SchoolCourseInfo object.	RefIdType
Faculty	O	Faculty	xs:normalizedString
SubjectShortName	O	SubjectShortName	xs:normalizedString
SubjectLongName	M	SubjectLongName	xs:normalizedString
SubjectType	O	Core or Elective or ?	xs:normalizedString
ProposedMaxClassSize	O	Suggested maximum class size for this subject.	xs:decimal
ProposedMinClassSize	O	Suggested minimum class size for this subject.	xs:decimal
SchoolInfoRefId	O	Optional the GUID of the SchoolInfo Object if this object is known in the zone.	IdRefType
SchoolLocalId	O	Optional Local School Id	LocalIdType
Semester	O	Semester, Term, or Quarter subject offered.	xs:unsignedInt
SchoolYear	O	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2007").	SchoolYearType
OtherCodeList	O	Any other codes this subject is known by; eg VASS code for VCE in Vic.	OtherCodeListType
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.59-1: TimeTableSubject

<pre> <TimeTableSubject RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652"> <SubjectLocalId>07AR</SubjectLocalId> <AcademicYear> <Code>7</Code> </AcademicYear> <SubjectShortName>7 ART</SubjectShortName> <SubjectLongName>Year 7 Art</SubjectLongName> <SubjectType>E</SubjectType> <SchoolYear>2009</SchoolYear> </TimeTableSubject> </pre>
--

Example 3.3.59-1: TimeTableSubject

3.3.60 VendorInfo

This object contains basic vendor information (commonly known as creditors).

SIF_Events are reported for this object.

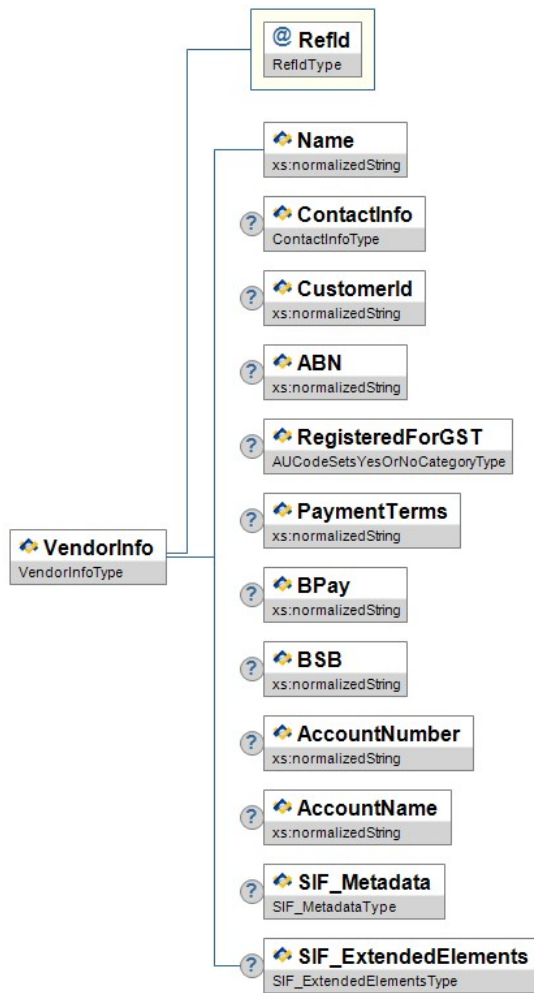


Figure 3.3.60-1: VendorInfo

Element/@Attribute	Char	Description	Type
VendorInfo		This object contains basic vendor information (commonly known as creditors).	
@ RefId 	M	Vendor Id.	RefIdType
Name	M	Name of the vendor.	xs:normalizedString
ContactInfo	O	Contact information.	ContactInfoType
CustomerId	O	Account number or other Id.	xs:normalizedString
ABN	O	Australian Business Number.	xs:normalizedString
RegisteredForGST	O	The vendor is registered to collect GST.	AUCodeSetsYesOrNoCategoryType
PaymentTerms	O	The vendors payment terms (typically expressed as number of days e.g. 14 days).	xs:normalizedString
BPay	O	BPay Id.	xs:normalizedString
BSB	O	Vendor's BSB number.	xs:normalizedString

Element/@Attribute	Char	Description	Type
AccountNumber	O	Vendor's account number.	xs:normalizedString
AccountName	O	Vendor's account name.	xs:normalizedString
SIF_Metadata	O		SIF_MetadataType
SIF_ExtendedElements	O		SIF_ExtendedElementsType

Table 3.3.60-1: VendorInfo

```

<VendorInfo RefId="AB3647C5-6865-4CF4-5678-DD34EF564E22">
  <Name>ABC School Supply</Name>
  <ContactInfo>
    <Name Type="LGL">
      <FamilyName>Brown</FamilyName>
      <GivenName>James</GivenName>
    </Name>
    <Address Type="0123" Role="2382">
      <Street>
        <Line1>23 E. 43rd St.</Line1>
      </Street>
      <City>Chicago</City>
      <StateProvince>IL</StateProvince>
      <Country>8104</Country>
      <PostalCode>60611</PostalCode>
    </Address>
    <EmailList>
      <Email Type="01">jdr@ABC.com</Email>
    </EmailList>
    <PhoneNumberList>
      <PhoneNumber Type="0096">
        <Number>(312) 555-1234</Number>
      </PhoneNumber>
    </PhoneNumberList>
  </ContactInfo>
  <CustomerId>0023556</CustomerId>
  <ABN>56402325367</ABN>
  <RegisteredForGST>Y</RegisteredForGST>
</VendorInfo>

```

Example 3.3.60-1: VendorInfo

Appendix A: Common Types

Common and supporting types referenced in this specification are included here as a reference.

A.1 AbstractContentElementType

AbstractContentPackageType used as an element rather than an object, omitting RefId, SIF_Metadata and SIF_ExtendedElements.

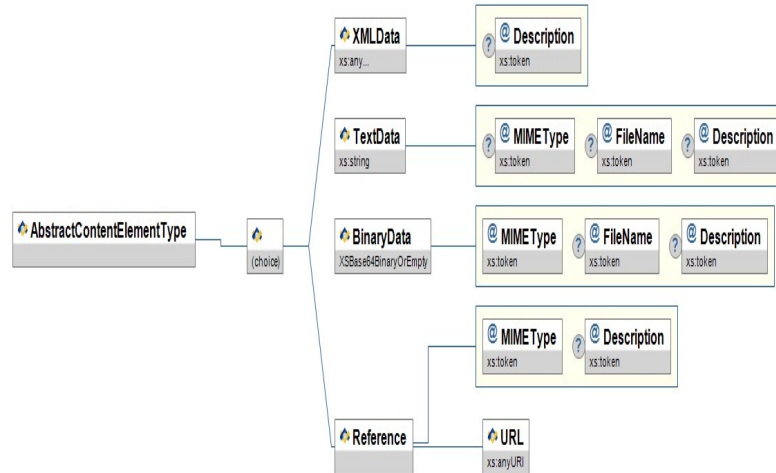


Figure A.1-1: AbstractContentElementType

Element/@Attribute	Char	Description	Type
AbstractContentElementType		AbstractContentPackageType used as an element rather than an object, omitting RefId, SIF_Metadata and SIF_ExtendedElements.	
XMLData	C	Contains an arbitrary XML element, encoded in UTF-8.	<xs:any processContents="lax" />
@ Description	O	Contains an optional description of the content or a processing hint with regard to its structure (e.g. named standard, file layout or XSD). Contents may be mandated in instances of this type, or types that follow the AbstractContentPackageType pattern.	xs:token
TextData	C	Contains arbitrary text, encoded in UTF-8.	xs:string
@ MIMEType	O	Optional MIME type to specifically indicate the text type. Otherwise text/plain can be assumed.	xs:token
@ FileName	O	Optional file name to indicate the file from which the content originated, or to suggest a name to use when saving the content.	xs:token
@ Description	O	Contains an optional description of the content or a processing hint with regard to its structure (e.g. named standard, file layout or XSD). Contents may be mandated in instances of this type, or types that follow the AbstractContentPackageType pattern.	xs:token
BinaryData	C	Contains the base64Binary encoding of binary or text data not encoded in UTF-8.	xs:base64Binary
@ MIMEType	M	MIME type to indicate the content type.	xs:token
@ FileName	O	Optional file name to indicate the file from which the content originated, or to suggest a name to use when saving the content.	xs:token
@ Description	O	Contains an optional description of the content or a processing hint with regard to its structure (e.g. named standard, file layout or XSD). Contents may be mandated in instances of this type, or types that follow the AbstractContentPackageType pattern.	xs:token

Element/@Attribute	Char	Description	Type
Reference	C	References external content via a URL.	
@ MIMEType	M	MIME type to indicate the content type to be expected when retrieving the external content.	xs:token
@ Description	O	Contains an optional description of the content or a processing hint with regard to its structure (e.g. named standard, file layout or XSD). Contents may be mandated in instances of this type, or types that follow the AbstractContentPackageType pattern.	xs:token
Reference/URL	M	Location of external content.	xs:anyURI

Table A.1-1: AbstractContentElementType

A.2 AbstractContentPackageType

An abstract type for derived content package types, elements and objects. This structure may be used verbatim, optionally extending with additional attributes, or may be redefined to include only a subset of child elements and/or to add validation to XML contained in XMLData. Only one instance of XMLData, TextData, BinaryData or Reference can occur in a single instance.

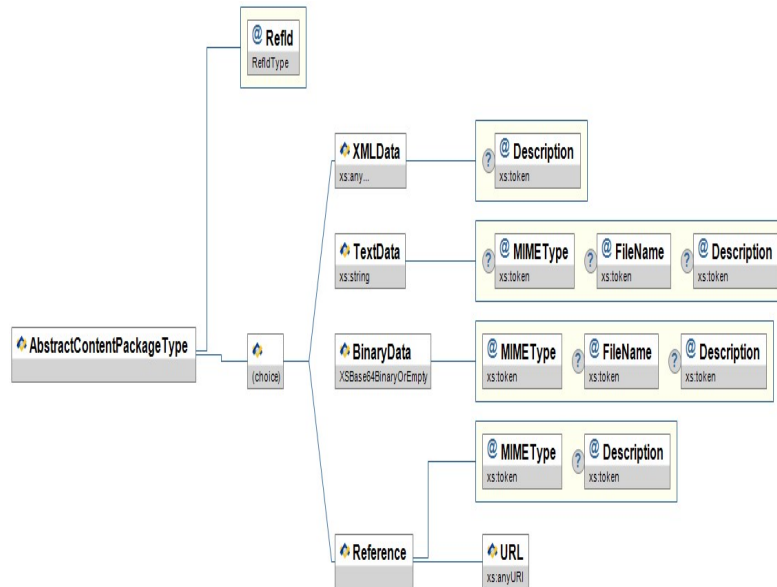


Figure A.2-1: AbstractContentPackageType

Element/@Attribute	Char	Description	Type
AbstractContentPackageType		An abstract type for derived content package types, elements and objects. This structure may be used verbatim, optionally extending with additional attributes, or may be redefined to include only a subset of child elements and/or to add validation to XML contained in XMLData. Only one instance of XMLData, TextData, BinaryData or Reference can occur in a single instance.	
@ RefId	M	The GUID that uniquely identifies an instance of the package.	RefIdType
XMLData	C	Contains an arbitrary XML element, encoded in UTF-8.	<xs:any processContents="lax" />
@ Description	O	Contains an optional description of the content or a processing hint with regard to its structure (e.g. named standard, file layout or XSD). Contents may be mandated in instances of this type, or types that follow the AbstractContentPackageType pattern.	xs:token
TextData	C	Contains arbitrary text, encoded in UTF-8.	xs:string
@ MIMEType	O	Optional MIME type to specifically indicate the text type. Otherwise text/plain can be assumed.	xs:token

Element/@Attribute	Char	Description	Type
@ FileName	O	Optional file name to indicate the file from which the content originated, or to suggest a name to use when saving the content.	xs:token
@ Description	O	Contains an optional description of the content or a processing hint with regard to its structure (e.g. named standard, file layout or XSD). Contents may be mandated in instances of this type, or types that follow the AbstractContentPackageType pattern.	xs:token
BinaryData	C	Contains the base64Binary encoding of binary or text data not encoded in UTF-8.	xs:base64Binary
@ MIMEType	M	MIME type to indicate the content type.	xs:token
@ FileName	O	Optional file name to indicate the file from which the content originated, or to suggest a name to use when saving the content.	xs:token
@ Description	O	Contains an optional description of the content or a processing hint with regard to its structure (e.g. named standard, file layout or XSD). Contents may be mandated in instances of this type, or types that follow the AbstractContentPackageType pattern.	xs:token
Reference	C	References external content via a URL.	
@ MIMEType	M	MIME type to indicate the content type to be expected when retrieving the external content.	xs:token
@ Description	O	Contains an optional description of the content or a processing hint with regard to its structure (e.g. named standard, file layout or XSD). Contents may be mandated in instances of this type, or types that follow the AbstractContentPackageType pattern.	xs:token
Reference/URL	M	Location of external content.	xs:anyURI

Table A.2-1: AbstractContentPackageType

A.3 ACStrandAreaListType

A list of subject areas.



Figure A.3-1: ACStrandAreaListType

Element/@Attribute	Char	Description	Type
ACStrandAreaListType		A list of subject areas.	List
ACStrandSubjectArea	MR		ACStrandSubjectAreaType

Table A.3-1: ACStrandAreaListType

A.4 ACStrandSubjectAreaType

Subject matter of a student's study as codified under the Australian Curriculum.



Figure A.4-1: ACStrandSubjectAreaType

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
ACStrandSubjectAreaType		Subject matter of a student's study as codified under the Australian Curriculum.	
ACStrand	M	Subject matter.	AUCodeSetsACStrandType
SubjectArea	O	Subject matter.	SubjectAreaType

Table A.4-1: ACStrandSubjectAreaType

```

<ACStrandSubjectArea>
  <ACStrand>M</ACStrand>
  <SubjectArea>
    <Code>Maths</Code>
    <OtherCodeList>
      <OtherCode Codeset="Text">Mathematics</OtherCode>
    </OtherCodeList>
  </SubjectArea>
</ACStrandSubjectArea>

```

Example A.4-1: ACStrandSubjectAreaType

A.5 ActivityTimeType

Time structures for the activity.

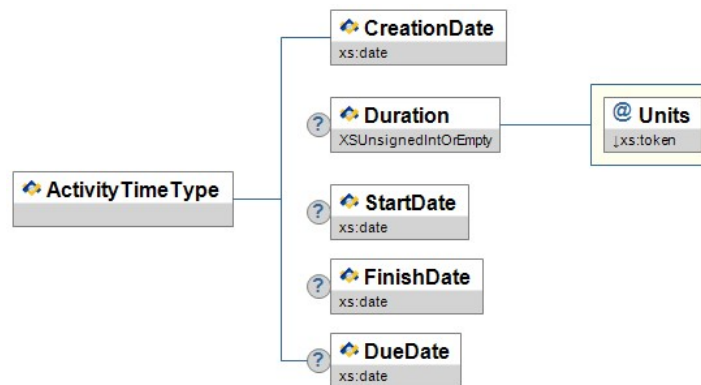


Figure A.5-1: ActivityTimeType

Element/@Attribute	Char	Description	Type
ActivityTimeType	M	Time structures for the activity.	
CreationDate	M	Creation date of the activity.	xs:date
Duration	O	Time required to complete the activity.	xs:unsignedInt
@ Units	M	Unit of time of the Duration value.	values: week day hour minute second
StartDate	O	Date activity is started.	xs:date
FinishDate	O	Date activity is finished.	xs:date
DueDate	O	Date activity is due.	xs:date

Table A.5-1: ActivityTimeType

A.6 AddressListType

A list of Address elements.



Figure A.6-1: AddressListType

Element/@Attribute	Char	Description	Type
AddressListType		A list of Address elements.	List
Address	MR		AddressType

Table A.6-1: AddressListType

```

<AddressList>
  <Address Type="0123" Role="012B">
    <Street>
      <Line1>1 IBM Plaza</Line1>
      <Line2>Suite 2000</Line2>
      <StreetNumber>1</StreetNumber>
      <StreetName>IBM</StreetName>
      <StreetType>Plaza</StreetType>
      <ApartmentType>Suite</ApartmentType>
      <ApartmentNumber>2000</ApartmentNumber>
    </Street>
    <City>Chicago</City>
    <StateProvince>IL</StateProvince>
    <Country>1101</Country>
    <PostalCode>60611</PostalCode>
    <GridLocation>
      <Latitude>41.850000</Latitude>
      <Longitude>-87.650000</Longitude>
    </GridLocation>
  </Address>
</AddressList>
  
```

Example A.6-1: AddressListType

A.7 AddressStreetType

The street element is a complex element and breaks the street down into several parts. (Allow for PO Box here)

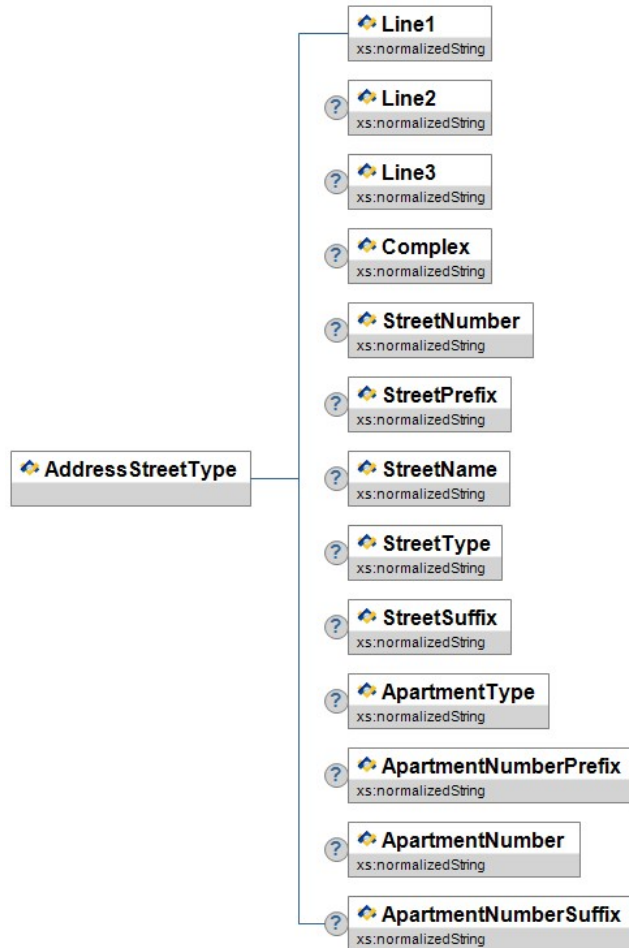


Figure A.7-1: AddressStreetType

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
AddressStreetType	M	The street element is a complex element and breaks the street down into several parts. (Allow for PO Box here)	
Line1	M	Address line 1.	xs:normalizedString
Line2	O	Address line 2.	xs:normalizedString
Line3	O	Address line 3.	xs:normalizedString
Complex	O	Name of the complex.	xs:normalizedString
StreetNumber	O	The address number assigned to the building.	xs:normalizedString
StreetPrefix	O	Street prefix like NE	xs:normalizedString
StreetName	O	The name of the street.	xs:normalizedString
StreetType	O	The type of street. For example, Lane, Blvd., Ave., etc.	xs:normalizedString
StreetSuffix	O	Street suffix like SW.	xs:normalizedString
ApartmentType	O	Type of apartment, for example, Suite.	xs:normalizedString
ApartmentNumberPrefix	O	Apartment number prefix.	xs:normalizedString
ApartmentNumber	O	The number of the apartment.	xs:normalizedString
ApartmentNumberSuffix	O	Apartment number suffix.	xs:normalizedString

Table A.7-1: AddressStreetType

A.8 AddressType

This element contains address data

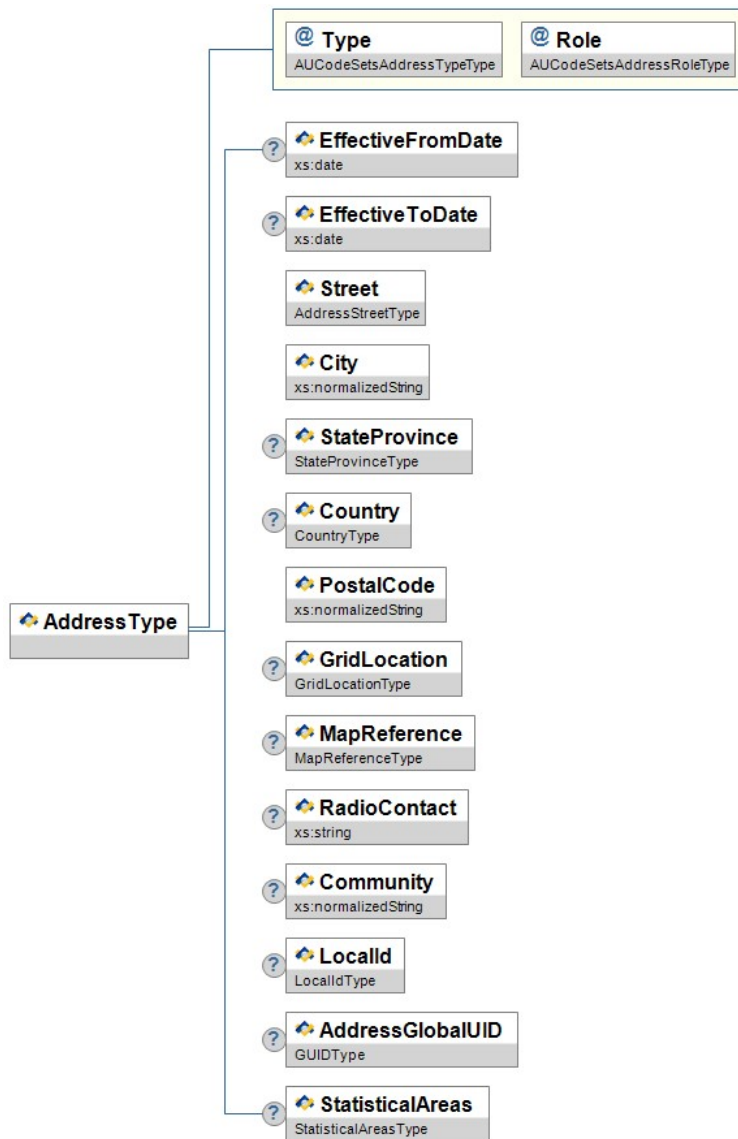


Figure A.8-1: AddressType

Element/@Attribute	Char	Description	Type
AddressType	M	This element contains address data.	
@ Type	M	Code that defines the location of the address. Note: A subset of specific valid values for each instance in a data object may be listed in that object.	AUCodeSetsAddressTypeType
@ Role	M	A facet of Address	AUCodeSetsAddressRoleType
EffectiveFromDate	O	Date the address became active.	xs:date
EffectiveToDate	O	Date the address ceases to be active.	xs:date
Street	M	The street element is a complex element and breaks the street down into several parts. (Allow for PO Box here)	AddressStreetType
City	M	The city part of the address.	xs:normalizedString

Element/@Attribute	Char	Description	Type
StateProvince	C	The state or province code. StateTerritory Code only applicable if an Australian Address. Conditional- If Australian Address this is mandatory.	StateProvinceType
Country	O	The country code.	CountryType
PostalCode	M	The ZIP/postal code.	xs:normalizedString
GridLocation	O	The location of the address.	GridLocationType
MapReference	O	A Map Reference in x-y co-ordinates.	MapReferenceType
RadioContact	O	UHF Radio frequency or channel used for contact eg: 477MHz or CH60	xs:string
Community	O	This element is used to describe a Community that is associated with the instance of the address.	xs:normalizedString
LocalId	O	This is the LocalId of the specific address if it can be provided.	LocalIdType
AddressGlobalUID	O	This is the GUID generated by the Provider system. Where it is available to be provided, the globally unique identifier links together separate instances of the Address Common Element which reference the same physical address. When it can be provided, it can be used by subscribing systems to connect addresses from different personal objects.	GUIDType
StatisticalAreas	O	A list of Statistical Areas associated with an address that will be referenced back to ABS 1270. Only applicable to a physical address, e.g. not relevant for a Post Office Box.	StatisticalAreasType

Table A.8-1: AddressType

```

<Address Type="0123" Role="012B">
  <Street>
    <Line1>1 IBM Plaza</Line1>
    <Line2>Suite 2000</Line2>
    <StreetNumber>1</StreetNumber>
    <StreetName>IBM</StreetName>
    <StreetType>Plaza</StreetType>
    <ApartmentType>Suite</ApartmentType>
    <ApartmentNumber>2000</ApartmentNumber>
  </Street>
  <City>Chicago</City>
  <StateProvince>WA</StateProvince>
  <Country>1101</Country>
  <PostalCode>60611</PostalCode>
  <GridLocation>
    <Latitude>41.850000</Latitude>
    <Longitude>-87.650000</Longitude>
  </GridLocation>
  <Community>Bidayadanga Community</Community>
  <LocalId>A1530</LocalId>
  <AddressGlobalUID>4286194F43ED43C18EE2F0A27C48EF87</AddressGlobalUID>
  <StatisticalAreas>
    <StatisticalArea SpatialUnitType="SA2">502011021</StatisticalArea>
  </StatisticalAreas>
</Address>

```

Example A.8-1: AddressType

A.9 AdjustmentContainerType

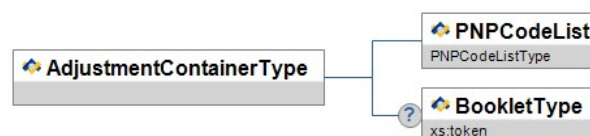


Figure A.9-1: AdjustmentContainerType

Element/@Attribute	Char	Description	Type
AdjustmentContainerType	M		

Element/@Attribute	Char	Description	Type
PNPCodelist	M	Personal Needs and Preferences Code(s) applied.	PNPCodelistType
BookletType	O	Booklet Type to be used for the NAP test as an adjustment. Values: Braille.	xs:token Braille

Table A.9-1: AdjustmentContainerType

A.10 AgencyType

The classification of the education agency within the geographic boundaries of a state according to the level of administrative and operational control.

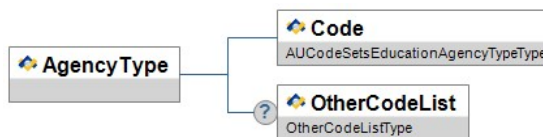


Figure A.10-1: AgencyType

Element/@Attribute	Char	Description	Type
AgencyType	O	The classification of the education agency within the geographic boundaries of a state according to the level of administrative and operational control.	
Code	M	Code indicating the operational/administrative level.	AUCodesSetsEducationAgencyTypeType
OtherCodeList	O		OtherCodeListType

Table A.10-1: AgencyType

A.11 AlertMessagesType



Figure A.11-1: AlertMessagesType

Element/@Attribute	Char	Description	Type
AlertMessagesType	O		List
AlertMessage	MR	This is an alert message that is associated with the student.	AlertMessageType

Table A.11-1: AlertMessagesType

A.12 AlertMessageType

This is an alert message that is associated with the student.

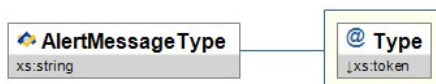


Figure A.12-1: AlertMessageType

Element/@Attribute	Char	Description	Type
AlertMessageType	MR	This is an alert message that is associated with the student.	xs:string
@Type	M	This attribute specifies what type of alert message this is.	values: Legal Custody, guardian, court orders (e.g. must attend school), lawsuits, etc. Discipline Student is suspended, expelled, on probation, etc. Educational academic probation, etc. Other

Table A.12-1: AlertMessageType

A.13 AlternateIdentificationCodesType

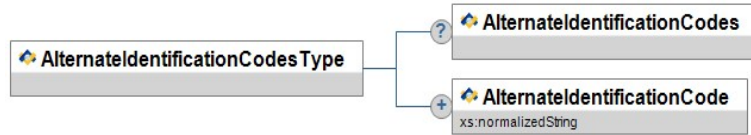


Figure A.13-1: AlternatIdentificationCodesType

Element/@Attribute	Char	Description	Type
AlternatIdentificationCodes	O	This element is for an organization to utilize for an internal code. This may be used for an alignment schema or other purposes that are only internal for the organization.	List
AlternatIdentificationCode	MR	An alphanumeric Id code as defined by the organization to identify the statement.	xs:normalizedString

Table A.13-1: AlternatIdentificationCodesType

A.14 ApprovalsType

Authorizations to use this resource. For example, this resource may be included as part of the district's standard curriculum model.



Figure A.14-1: ApprovalsType

Element/@Attribute	Char	Description	Type
ApprovalsType	O	Authorizations to use this resource. For example, this resource may be included as part of the district's standard curriculum model.	List
Approval	OR	A sub-element containing an authorization to use this resource. For example, this resource may be included as part of the district's standard curriculum model.	ApprovalType

Table A.14-1: ApprovalsType

A.15 ApprovalType

A sub-element containing an authorization to use this resource. For example, this resource may be included as part of the district's standard curriculum model.

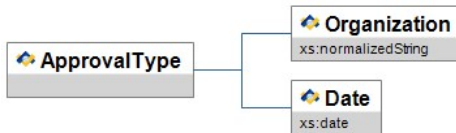


Figure A.15-1: ApprovalType

Element/@Attribute	Char	Description	Type
ApprovalType	OR	A sub-element containing an authorization to use this resource. For example, this resource may be included as part of the district's standard curriculum model.	
Organization	M	Name of agency that approved use of resource.	xs:normalizedString
Date	M	Date resource was approved.	xs:date

Table A.15-1: ApprovalType

A.16 AssociatedObjectsType

References from component to associated elements within another SIF object.



Figure A.16-1: AssociatedObjectsType

Element/@Attribute	Char	Description	Type
AssociatedObjectsType	O	References from component to associated elements within another SIF object.	List
AssociatedObject	OR	Reference from component to associated elements within another SIF object.	IdRefType
@SIF_RefObject	M	Attribute that identifies the type of SIF object being referenced.	ObjectNameType

Table A.16-1: AssociatedObjectsType

A.17 AttendanceCodeType

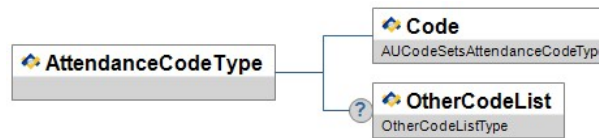


Figure A.17-1: AttendanceCodeType

Element/@Attribute	Char	Description	Type
AttendanceCodeType		Code that describes the absence/attendance.	
Code	M	Code representing the absence/attendance.	AUCodeSetsAttendanceCodeType
OtherCodeList	O		OtherCodeListType

Table A.17-1: AttendanceCodeType

```

<AttendanceCode>
  <Code>200</Code>
  <OtherCodeList>
    <OtherCode Codeset="Local">S</OtherCode>
    <OtherCode Codeset="Other">C</OtherCode>
  </OtherCodeList>
</AttendanceCode>

```

Example A.17-1: Attendance Code Example

A.18 AttendanceInfoType

Information describing how the day relates to attendance.

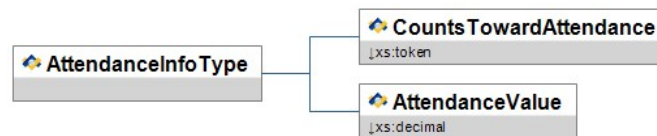


Figure A.18-1: AttendanceInfoType

Element/@Attribute	Char	Description	Type						
AttendanceInfoType	O	Information describing how the day relates to attendance.							
CountsTowardAttendance	M	Designates whether this date should be counted toward student attendance.	values: Yes No						
AttendanceValue	M	Amount of the school day in which the student should be in attendance (Format is x.x; a student who should be in attendance a full day would be represented as 1.0). If CountsTowardAttendance equals Yes then AttendanceValue must be greater than zero.	xs:decimal <table border="1"> <tr> <td>xs:minInclusive</td> <td>0</td> </tr> <tr> <td>xs:maxInclusive</td> <td>1</td> </tr> <tr> <td>xs:fractionDigits</td> <td>1</td> </tr> </table>	xs:minInclusive	0	xs:maxInclusive	1	xs:fractionDigits	1
xs:minInclusive	0								
xs:maxInclusive	1								
xs:fractionDigits	1								

Table A.18-1: AttendanceInfoType

A.19 AttendanceTimesType

Breakdown of times that the student entered or returned to school.



Figure A.19-1: AttendanceTimesType

Element/@Attribute	Char	Description	Type
AttendanceTimesType	M	Breakdown of times that the student entered or returned to school.	List
AttendanceTime	MR		AttendanceTimeType

Table A.19-1: AttendanceTimesType

A.20 AttendanceTimeType

Time span that the student entered or returned to school

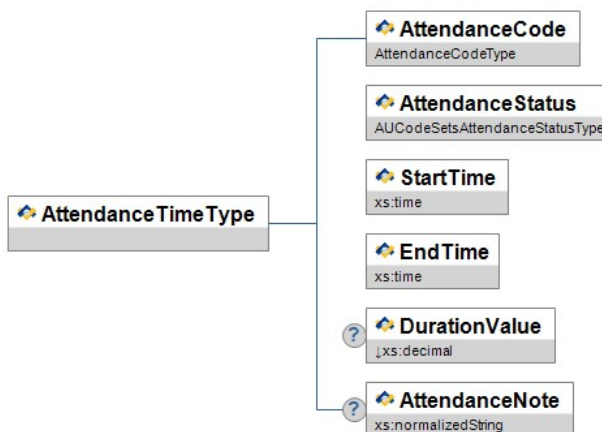


Figure A.20-1: AttendanceTimeType

Element/@Attribute	Char	Description	Type
AttendanceTimeType	MR	Time span that the student entered or returned to school	
AttendanceCode	M	Locally defined code for attendance.	AttendanceCodeType
AttendanceStatus	M	Approved or Unapproved status of this attendance code.	AUCodeSetsAttendanceStatusType
StartTime	M	The start of this particular time span.	xs:time
EndTime	M	The end of this particular time span.	xs:time
DurationValue	O	The amount of absence represented by AttendanceCode, up to three decimal places. May be greater than 1.0.	xs:decimal xs:minInclusive 0
AttendanceNote	O	Note related to this particular time span.	xs:normalizedString

Table A.20-1: AttendanceTimeType

A.21 AuditInfoType

An audit trail to help determine who entered this event and when.

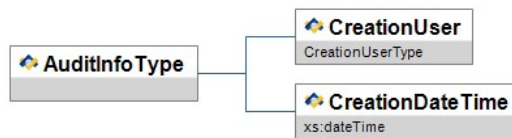


Figure A.21-1: AuditInfoType

Element/@Attribute	Char	Description	Type
AuditInfoType	O	An audit trail to help determine who entered this event and when.	
CreationUser	M	Information about which staff member created this record.	CreationUserType
CreationDateTime	M	The date and time this record was created.	xs:dateTime

Table A.21-1: AuditInfoType

A.22 AuthorsType



Figure A.22-1: AuthorsType

Element/@Attribute	Char	Description	Type
AuthorsType	O		List
Author	OR	Name of the organization that authored the curriculum document, i.e. "ACARA". May be the same as "Organization" above.	xs:normalizedString

Table A.22-1: AuthorsType

A.23 BaseNameType

Base type, without attributes, for name elements, primarily to allow structure to be leveraged with different type attribute values.

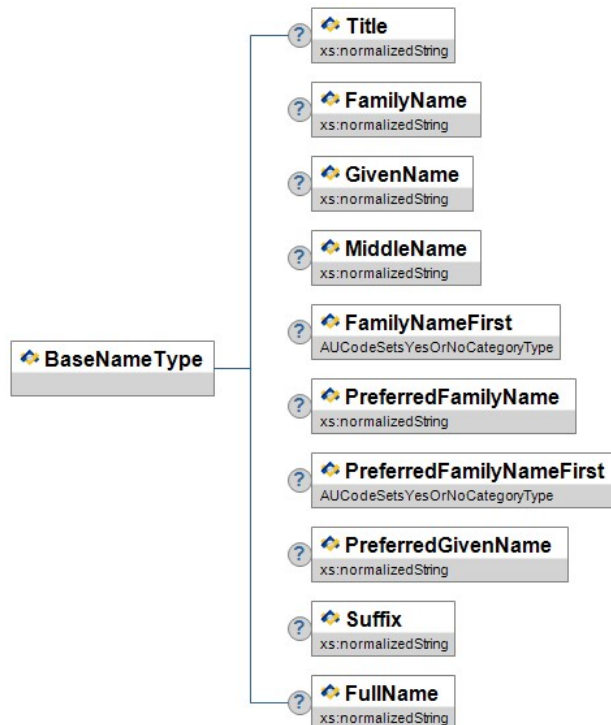


Figure A.23-1: BaseNameType

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
BaseNameType		Base type, without attributes, for Name elements, primarily to allow structure to be leveraged with different Type attribute values.	
Title	O	A title or prefix associated with the name. If any of: Mr, Mrs, Ms, Miss, Rev, Fr, Dr, Prof, Hon, Sir, Lord, Lady - these must be as shown, otherwise free text. Note that title is not applicable to learners.	xs:normalizedString
FamilyName	C	Family name. That part of the person's name which is used to describe family, clan, tribal group, or marital association. Note that this element is required when known. However, it may not be possible to know the family name in which case you should add the available information to the FullName element.	xs:normalizedString
GivenName	C	Given name of the person. Note that this element is required if known. However, it may not be possible to know the given name in which case you should add the available information to the FullName element.	xs:normalizedString
MiddleName	O	All other given or middle names, each separated with a single space character.	xs:normalizedString
FamilyNameFirst	O	An indicator used to identify the naming conventions used by some predominantly non-European, ethnic or language groups and related to the display nature of a name.	AUCodeSetsYesOrNoCategoryType
PreferredFamilyName	O	The family name preferred most by the person (as written).	xs:normalizedString
PreferredFamilyNameFirst	O	An indicator used to identify the naming conventions used by some predominantly non-European, ethnic or language groups and related to the display nature of a name.	AUCodeSetsYesOrNoCategoryType
PreferredGivenName	O	The given name preferred most by the person (as written).	xs:normalizedString
Suffix	O	Textual suffix like PHD, JP, BSc.	xs:normalizedString
FullName	C	A free text field for the complete name for display purposes. If this is associated with a StudentPersonal, StaffPersonal or StudentContactPersonal record and the FamilyName and GivenName are not both specified, then this becomes mandatory.	xs:normalizedString

Table A.23-1: BaseNameType

```
<BaseName Type="LGL">
  <FamilyName>Wesson</FamilyName>
  <GivenName>Melanie</GivenName>
  <MiddleName>Joan</MiddleName>
  <FamilyNameFirst>N</FamilyNameFirst>
  <PreferredFamilyName>Wesson</PreferredFamilyName>
  <PreferredFamilyNameFirst>N</PreferredFamilyNameFirst>
  <PreferredGivenName>Mel</PreferredGivenName>
</BaseName>
```

Example A.23-1: Legal Name

A.24 BirthDateType

A person's date of birth.



Figure A.24-1: BirthDateType

Element/@Attribute	Char	Description	Type
BirthDateType		A person's date of birth.	xs:date

Table A.24-1: BirthDateType

```
<BirthDate>1970-08-11</BirthDate>
```

Example A.24-1: BirthDateType

A.25 CalendarDateInfoType

Calendar date type information.

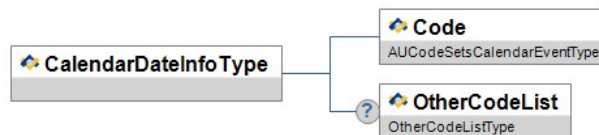


Figure A.25-1: CalendarDateInfoType

Element/@Attribute	Char	Description	Type
CalendarDateInfoType	M	Calendar date type information.	
Code	M	Code indicating the type of school day.	AUCodeSetsCalendarEventType
OtherCodeList	O		OtherCodeListType

Table A.25-1: CalendarDateInfoType

A.26 CalendarSummaryListType



Figure A.26-1: CalendarSummaryListType

Element/@Attribute	Char	Description	Type
CalendarSummaryListType	O		List
CalendarSummaryRefId	OR	The ID (GUID) of a calendar summary to which this Staff Member is associated with.	IdRefType

Table A.26-1: CalendarSummaryListType

A.27 CampusContainerType

Optional campus details.

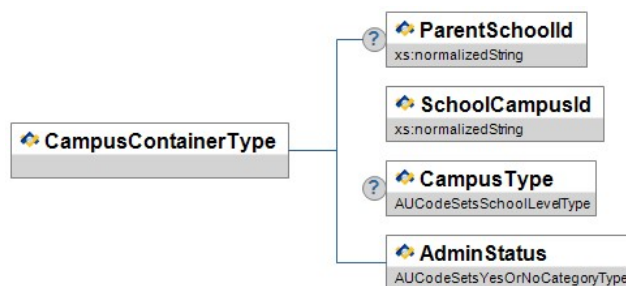


Figure A.27-1: CampusContainerType

Element/@Attribute	Char	Description	Type
CampusContainerType	O	Optional campus details.	
ParentSchoolId	C	Parent School Id needs to be supplied if this Campus is not the Admin Campus. This number should be the state-assigned identifier for this school or the locally-assigned identifier for this school.	xs:normalizedString
SchoolCampusId	M	Specific Campus Id - This may be the same as the School Local Id.	xs:normalizedString
CampusType	O	Type of campus.	AUCodeSetsSchoolLevelType
AdminStatus	M	Is this campus the Admin Campus?	AUCodeSetsYesOrNoCategoryType

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Table A.27-1: CampusContainerType

A.28 CatchmentStatusContainerType

Container element for location of an individual's legal residence relative to (within or outside) the boundaries of the school for this enrolment. Enrolment Catchment Status.

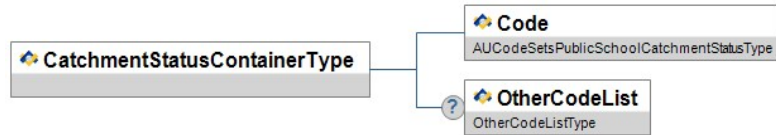


Figure A.28-1: CatchmentStatusContainerType

Element/@Attribute	Char	Description	Type
CatchmentStatusContainerType	O	Container element for location of an individual's legal residence relative to (within or outside) the boundaries of the school for this enrolment. Enrolment Catchment Status.	
Code	M	Code indicating the residency status for this enrollment. Code indicating Enrollment Catchment Status.	AUCodeSetsPublicSchoolCatchmentStatusType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	OtherCodeListType

Table A.28-1: CatchmentStatusContainerType

A.29 CharacteristicsType

Reference to one or more AggregateCharacteristicInfo objects.



Figure A.29-1: CharacteristicsType

Element/@Attribute	Char	Description	Type
CharacteristicsType	M	Reference to one or more AggregateCharacteristicInfo objects.	List
AggregateCharacteristicInfoRefId	MR	Reference to an AggregateCharacteristicInfo object.	IdRefType

Table A.29-1: CharacteristicsType

A.30 CodeFrameTestItemListType

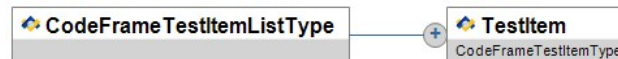


Figure A.30-1: CodeFrameTestItemListType

Element/@Attribute	Char	Description	Type
CodeFrameTestItemListType	M		List
TestItem	MR		CodeFrameTestItemType

Table A.30-1: CodeFrameTestItemListType

A.31 CodeFrameTestItemType

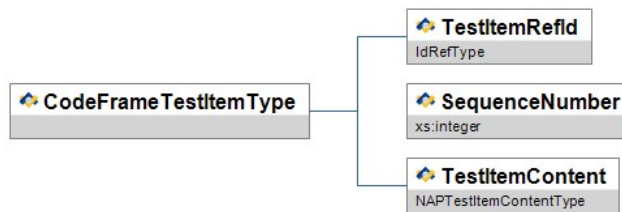


Figure A.31-1: CodeFrameTestItem Type

Element/@Attribute	Char	Description	Type
CodeFrame TestItem Type	MR		
TestItemRefId	M	The GUID of Test item object.	IdRefType
SequenceNumber	M	Location of test item in testlet, as an ordinal.	xs:integer
TestItemContent	M		NAPTstItemContentType

Table A.31-1: CodeFrameTestItem Type

A.32 ComponentsType

Lesson or activity-sized portions of a resource.



Figure A.32-1: ComponentsType

Element/@Attribute	Char	Description	Type
ComponentsType	M	Lesson or activity-sized portions of a resource.	List
Component	MR	A lesson or activity-sized portion of a resource.	ComponentType

Table A.32-1: ComponentsType

A.33 ComponentType

A lesson or activity-sized portion of a resource.

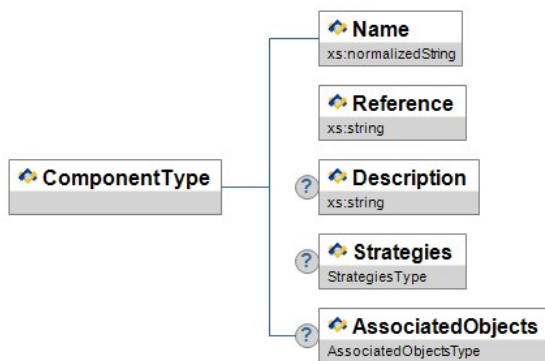


Figure A.33-1: ComponentType

Element/@Attribute	Char	Description	Type
ComponentType	MR	A lesson or activity-sized portion of a resource.	
Name	M	Name of learning resource component within the resource, i.e. "Chapter 1, Section 4.	xs:normalizedString

Element/@Attribute	Char	Description	Type
Reference	M	Description of where ResourceComponent is located within resource or in general, i.e. "Section 4, pages 32-38," or URL string, or whatever locator is appropriate for media.	xs:string
Description	O	Description of ResourceComponent, i.e. "Discover how changing the scale of a map can either increase or decrease the level of detail you see."	xs:string
Strategies	O	Teaching/learning strategies used in the learning resource.	StrategiesType
AssociatedObjects	O	References from component to associated elements within another SIF object.	AssociatedObjectsType

Table A.33-1: ComponentType

A.34 ContactFlagsType

Contains Yes/No characteristics of the contact person's role. Provide a yes value for all that apply. At least one of the child elements of ContactFlags must have a Yes value. Do not publish the StudentContactRelationship instance if one of the child elements does not have a Yes value.

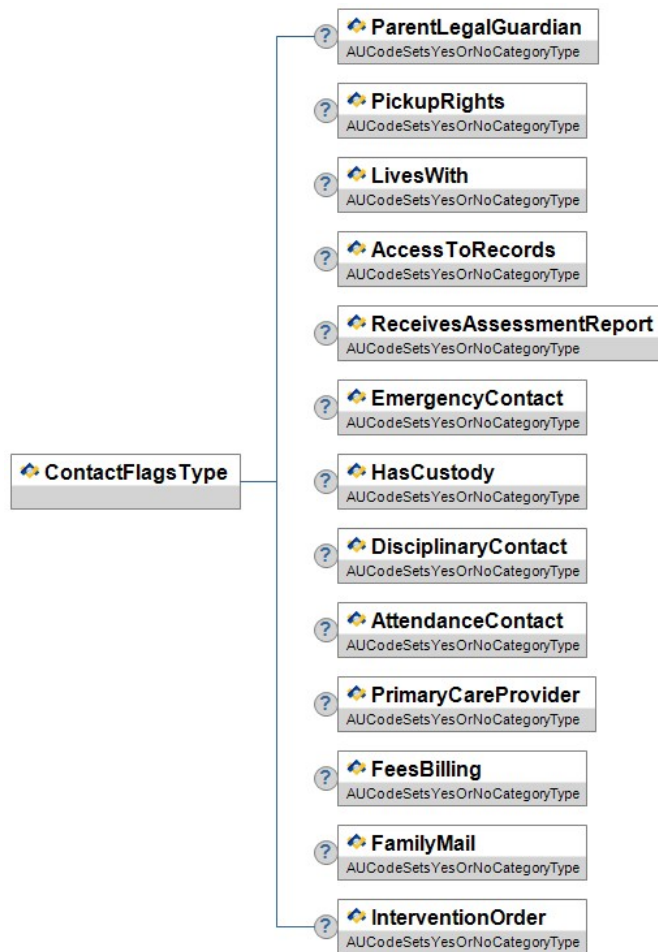


Figure A.34-1: ContactFlagsType

Element/@Attribute	Char	Description	Type
ContactFlagsType	C	Contains Yes/No characteristics of the contact person's role. Provide a yes value for all that apply. At least one of the child elements of ContactFlags must have a Yes value. Do not publish the StudentContactRelationship instance if one of the child elements does not have a Yes value.	
ParentLegalGuardian	C	Does the individual have parental or legal guardianship responsibility for the student?	AUCodeSetsYesOrNoCategoryType
PickupRights	C	This element tells whether or not the contact has pickup rights.	AUCodeSetsYesOrNoCategoryType

Element/@Attribute	Char	Description	Type
LivesWith	C	Does the student live with this contact?	AUCodeSetsYesOrNoCategoryType
AccessToRecords	C	Does this contact have access to the student's records?	AUCodeSetsYesOrNoCategoryType
ReceivesAssessmentReport	C	In particular, should this contact receive a copy of the student report?	AUCodeSetsYesOrNoCategoryType
EmergencyContact	C	Should this contact be notified in case of emergency?	AUCodeSetsYesOrNoCategoryType
HasCustody	C	Does this contact have or share custody of the student?	AUCodeSetsYesOrNoCategoryType
DisciplinaryContact	C	Is this person to be contacted in case of disciplinary action?	AUCodeSetsYesOrNoCategoryType
AttendanceContact	C	Should this contact be notified in case of an attendance issue?	AUCodeSetsYesOrNoCategoryType
PrimaryCareProvider	C	Does this person provide daily living or personal assistance to the student?	AUCodeSetsYesOrNoCategoryType
FeesBilling	C	Is this the contact responsible for Payment of Fees?	AUCodeSetsYesOrNoCategoryType
FamilyMail	C	Does this person receive family mail?	AUCodeSetsYesOrNoCategoryType
InterventionOrder	C	Is there an Intervention Order against this Contact?	AUCodeSetsYesOrNoCategoryType

Table A.34-1: ContactFlagsType

A.35 ContactInfoType

Common element used to supply information for a contact person at a school, LEA, or other institution.

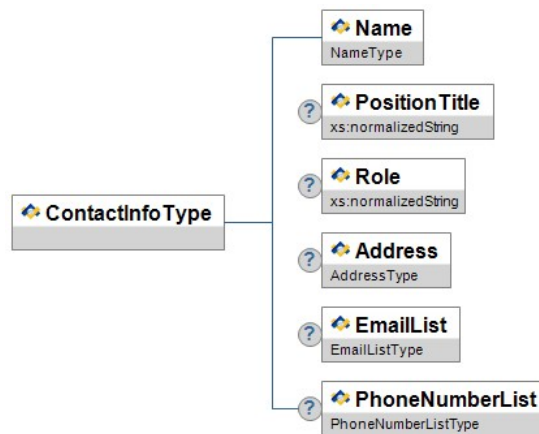


Figure A.35-1: ContactInfoType

Element/@Attribute	Char	Description	Type
ContactInfoType		Common element used to supply information for a contact person at a school, LEA, or other institution.	
Name	M		NameType
PositionTitle	O	The contact person's position title. Examples Superintendent	xs:normalizedString

Element/@Attribute	Char	Description	Type
Role	O	Role played by this contact in this instance. Examples Report Contact Primary Contact Alternate Contact	xs:normalizedString
Address	O	Address of the contact.	AddressType
EmailList	O	List of Email elements.	EmailListType
PhoneNumberList	O	List of PhoneNumber elements.	PhoneNumberListType

Table A.35-1: ContactInfoType

```

<ContactInfo>
  <Name Type="LGL">
    <FamilyName>Woodall</FamilyName>
    <GivenName>Charles</GivenName>
    <MiddleName>William</MiddleName>
  </Name>
  <PositionTitle>Superintendent</PositionTitle>
  <EmailList>
    <Email Type="01">drseuss@whoville.k12.state.us</Email>
  </EmailList>
  <PhoneNumberList>
    <PhoneNumber Type="0096">
      <Number>(02) 9555-0102</Number>
    </PhoneNumber>
  </PhoneNumberList>
</ContactInfo>

```

Example A.35-1: ContactInfoType

A.36 ContactsType

Contains contact information about resource authors.



Figure A.36-1: ContactsType

Element/@Attribute	Char	Description	Type
ContactsType	O	Contains contact information about resource authors.	List
Contact	OR	Contains contact information about a resource author.	ContactType

Table A.36-1: ContactsType

A.37 ContactType

Contains contact information about a resource author.

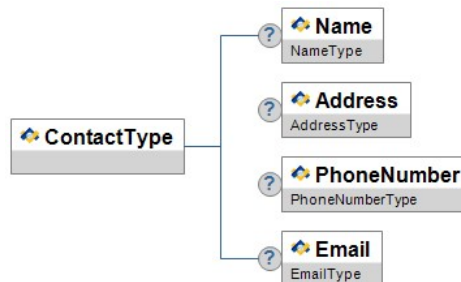


Figure A.37-1: ContactType

Element/@Attribute	Char	Description	Type
ContactType	OR	Contains contact information about a resource author.	

Element/@Attribute	Char	Description	Type
Name	O	Name of contact person. Use the generic element Name.	NameType
Address	O	Address of organization or company.	AddressType
PhoneNumber	O	Phone number of organization or company.	PhoneNumberType
Email	O	The email of the organization or company.	EmailType

Table A.37-1: ContactType

A.38 ContentDescriptionListType



Figure A.38-1: ContentDescriptionListType

Element/@Attribute	Char	Description	Type
ContentDescriptionListType	M		List
ContentDescription	MR	Content description in the Australian Curriculum that is relevant to the test item.	xs:normalizedString

Table A.38-1: ContentDescriptionListType

A.39 CountryList2Type



Figure A.39-1: CountryList2Type

Element/@Attribute	Char	Description	Type
CountryList2Type	O		List
CountryOfResidency	MR	A person's country of residency.	CountryType

Table A.39-1: CountryList2Type

A.40 CountryListType



Figure A.40-1: CountryListType

Element/@Attribute	Char	Description	Type
CountryListType	O		List
CountryOfCitizenship	MR	A person's country of citizenship.	CountryType

Table A.40-1: CountryListType

A.41 CountryType

A country code.

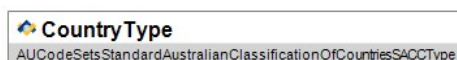


Figure A.41-1: CountryType

Element/@Attribute	Char	Description	Type

Element/@Attribute	Char	Description	Type
CountryType		A country code.	AUCodeSetsStandardAustralianClassificationOfCountriesSACType

Table A.41-1: CountryType

<Country>1101</Country>

Example A.41-1: CountryType

A.42 CreateUserType

Information about which staff member created this record.

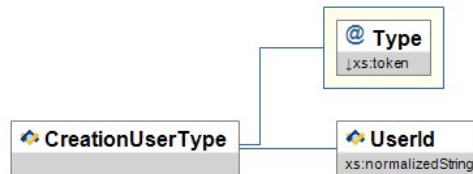


Figure A.42-1: CreateUserType

Element/@Attribute	Char	Description	Type
CreationUserType	M	Information about which staff member created this record.	
@ Type	M	The role of the staff member that created this record.	values: Office Staff School Admin Parent Nurse Teacher Other
UserId	M	Unique identifier of the user that created the attendance record. This will depend on the user and the source. The preferred identifier would be a RefId for a StaffPersonal, StudentContact, or StudentPersonal Object. However, the user may not be associated with any of these SIF objects. In that case a unique Id given by the source should be used.	xs:normalizedString

Table A.42-1: CreateUserType

A.43 DebitOrCreditAmountType

Gross amount to be billed, including any tax. Can be credit (e.g. for family credit notes, reimbursements, rebates).

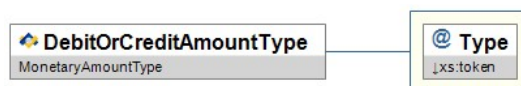


Figure A.43-1: DebitOrCreditAmountType

Element/@Attribute	Char	Description	Type
DebitOrCreditAmountType	M	Gross amount to be billed, including any tax. Can be credit (e.g. for family credit notes, reimbursements, rebates).	MonetaryAmountType
@ Type	M		values: Debit Credit

Table A.43-1: DebitOrCreditAmountType

A.44 DefinedProtocolsType

The transport protocols defined in SIF.

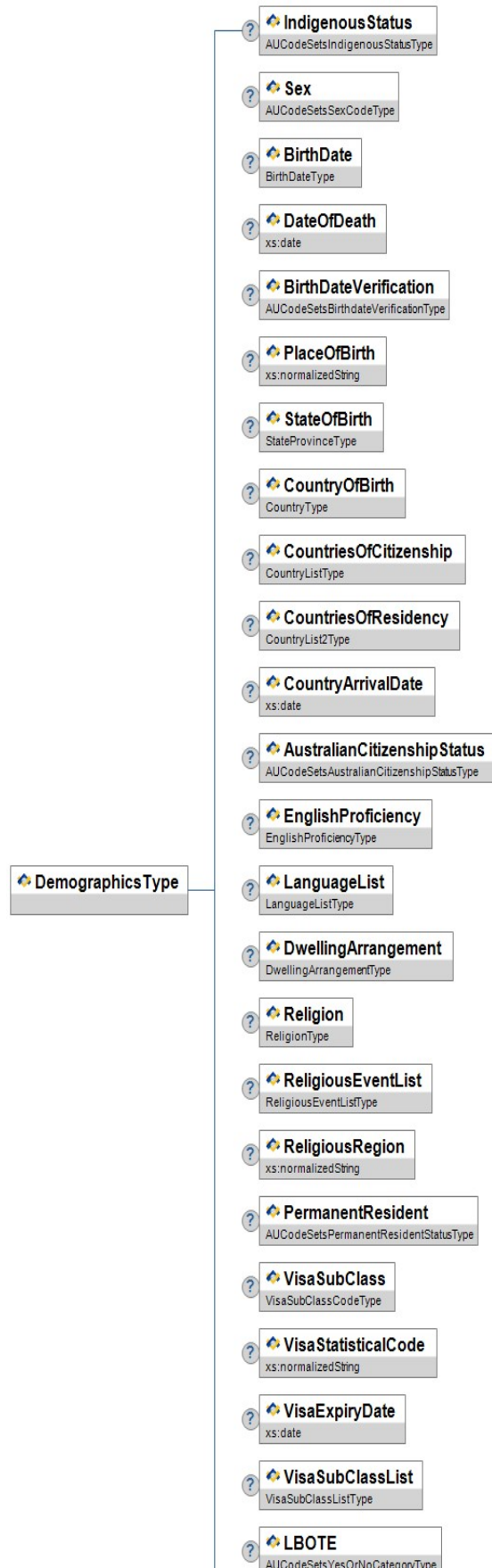


Figure A.44-1: DefinedProtocolsType

Element/@Attribute	Char	Description	Type
DefinedProtocolsType		The transport protocols defined in SIF.	values: HTTPS HTTP

A.45 DemographicsType

Demographics information about the student, contact, staff member, etc.



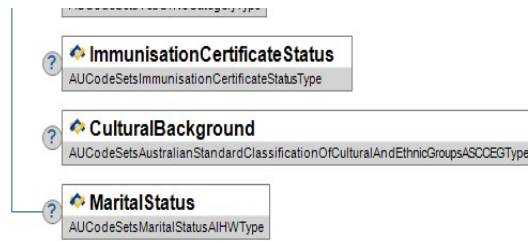


Figure A.45-1: DemographicsType

Element/@Attribute	Char	Description	Type
DemographicsType		Demographics information about the student, contact, staff member, etc.	
IndigenousStatus	O	Whether or not the person identifies themselves as being of Aboriginal and/or Torres Strait Islander descent.	AUCodeSetsIndigenousStatusType
Sex	O	'Sex' is the distinction 'male'/'female'/'intersex', as reported by the person	AUCodeSetsSexCodeType
BirthDate	O	The person's date of birth.	BirthDateType
DateOfDeath	O	The person's date of death.	xs:date
BirthDateVerification	O	Means by which the person's birth date was validated.	AUCodeSetsBirthdateVerificationType
PlaceOfBirth	O	The person's place of birth - like village, town, city etc.	xs:normalizedString
StateOfBirth	O	The person's state of birth.	StateProvinceType
CountryOfBirth	O	The person's country of birth.	CountryType
CountriesOfCitizenship	O		CountryListType
CountriesOfResidency	O		CountryList2Type
CountryArrivalDate	O	Date the person first arrived in the country.	xs:date
AustralianCitizenshipStatus	O	The person's citizenship status.	AUCodeSetsAustralianCitizenshipStatusType
EnglishProficiency	O	Person's proficiency in English.	EnglishProficiencyType
LanguageList	O	List of languages an individual uses to communicate.	LanguageListType
DwellingArrangement	O	Setting/environment in which the person resides.	DwellingArrangementType
Religion	O	Type of Religion if any	ReligionType
ReligiousEventList	O	List of Religious events	ReligiousEventListType
ReligiousRegion	O	Belong to Religious Region - Currently Free Text.	xs:normalizedString
PermanentResident	O	Australian Residency Status (Mandatory for Student)	AUCodeSetsPermanentResidentStatusType
VisaSubClass	O	Visa Sub-Class - Can be free text - not necessary to validate	VisaSubClassCodeType

Element/@Attribute	Char	Description	Type
VisaStatisticalCode	O	Visa Statistical Code - Can be free text - not necessary to validate	xs:normalizedString
VisaExpiryDate	O	Expiry Date of Visa if one exists	xs:date
VisaSubClassList	O	List of Visa details if more than one exists.	VisaSubClassListType
LBOTE	O	Language Background is Other Than English. (http://www.acara.edu.au/verve/_resources/DSM_1.pdf), the LBOTE metric is under review. Currently it can be derived from Student and Parents Language Background.	AUCodeSetsYesOrNoCategoryType
ImmunisationCertificateStatus	O	Status of Immunisation Certificate	AUCodeSetsImmunisationCertificateStatusType
CulturalBackground	O	Used to indicate cultural background.	AUCodeSetsAustralianStandardClassificationOfCulturalAndEthnicGroupsASCEGType
MaritalStatus	O	The person's marital status.	AUCodeSetsMaritalStatusAIHWType

Table A.45-1: DemographicsType

```

<Demographics>
  <IndigenousStatus>3</IndigenousStatus>
  <Sex>1</Sex>
  <BirthDate>1990-09-26</BirthDate>
  <BirthDateVerification>1004</BirthDateVerification>
  <PlaceOfBirth>Clayton</PlaceOfBirth>
  <StateOfBirth>VIC</StateOfBirth>
  <CountryOfBirth>1101</CountryOfBirth>
  <CountriesOfCitizenship>
    <CountryOfCitizenship>8104</CountryOfCitizenship>
    <CountryOfCitizenship>1101</CountryOfCitizenship>
  </CountriesOfCitizenship>
  <CountriesOfResidency>
    <CountryOfResidency>8104</CountryOfResidency>
    <CountryOfResidency>1101</CountryOfResidency>
  </CountriesOfResidency>
  <CountryArrivalDate>1990-09-26</CountryArrivalDate>
  <AustralianCitizenshipStatus>1</AustralianCitizenshipStatus>
  <EnglishProficiency>
    <Code>1</Code>
  </EnglishProficiency>
  <LanguageList>
    <Language>
      <Code>0001</Code>
      <LanguageType>1</LanguageType>
    </Language>
  </LanguageList>
  <DwellingArrangement>
    <Code>1671</Code>
  </DwellingArrangement>
  <Religion>
    <Code>2013</Code>
  </Religion>
  <ReligiousEventList>
    <ReligiousEvent>
      <Type>Baptism</Type>
      <Date>2000-09-01</Date>
    </ReligiousEvent>
    <ReligiousEvent>
      <Type>Christmas</Type>
      <Date>2009-12-24</Date>
    </ReligiousEvent>
  </ReligiousEventList>
  <ReligiousRegion>The Religion Region</ReligiousRegion>
  <PermanentResident>P</PermanentResident>
  <VisaSubClass>101</VisaSubClass>
  <VisaStatisticalCode>05</VisaStatisticalCode>
</Demographics>

```

Example A.45-1: Demographics Example

A.46 DomainBandsContainerType

Container for the NAP Domain Bands - Upper and Lower

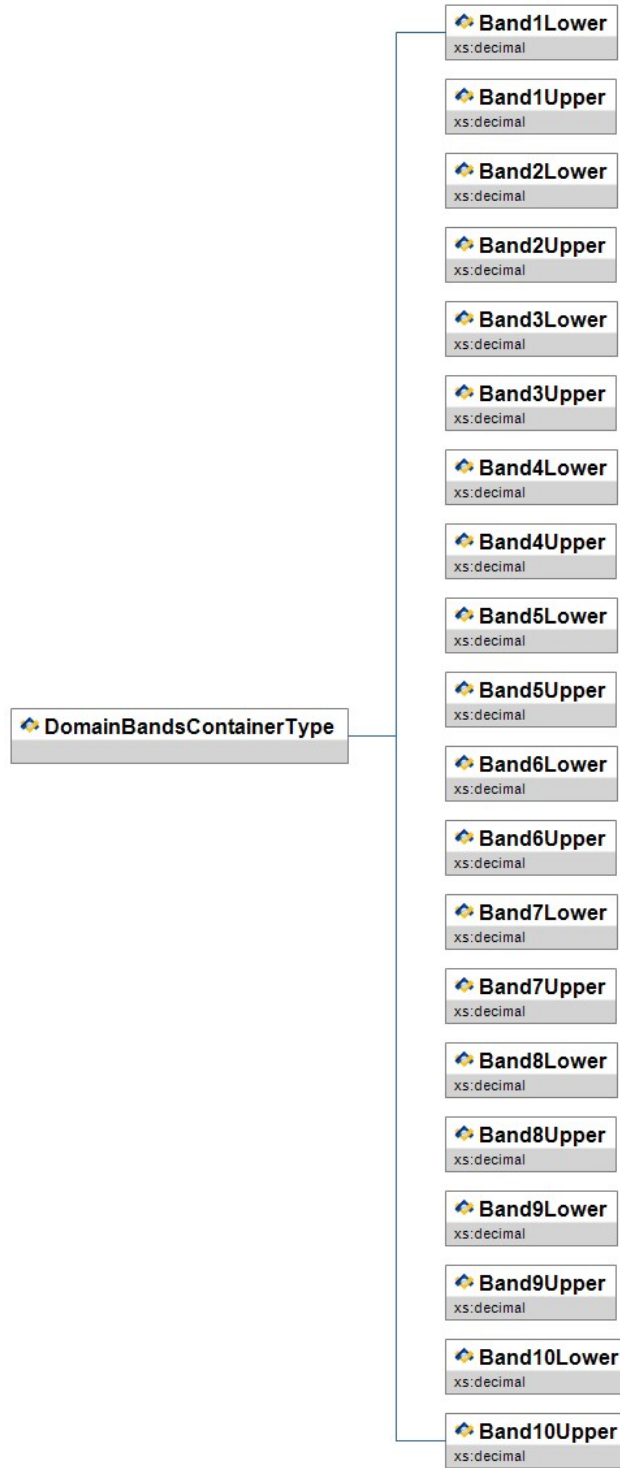


Figure A.46-1: DomainBandsContainerType

Element/@Attribute	Char	Description	Type
DomainBandsContainerType	M	Container for the NAP Domain Bands - Upper and Lower	
Band1Lower	M	Lowest scaled score value for Band 1 in domain specified.	xs:decimal
Band1Upper	M	Upper scaled score value for Band 1 in domain specified.	xs:decimal
Band2Lower	M	Lowest scaled score value for Band 2 in domain specified.	xs:decimal
Band2Upper	M	Upper scaled score value for Band 2 in domain specified.	xs:decimal
Band3Lower	M	Lowest scaled score value for Band 3 in domain specified.	xs:decimal
Band3Upper	M	Upper scaled score value for Band 3 in domain specified.	xs:decimal
Band4Lower	M	Lowest scaled score value for Band 4 in domain specified.	xs:decimal
Band4Upper	M	Upper scaled score value for Band 4 in domain specified.	xs:decimal
Band5Lower	M	Lowest scaled score value for Band 5 in domain specified.	xs:decimal
Band5Upper	M	Upper scaled score value for Band 5 in domain specified.	xs:decimal

Element/@Attribute	Char	Description	Type
Band6Lower	M	Lowest scaled score value for Band 6 in domain specified.	xs:decimal
Band6Upper	M	Upper scaled score value for Band 6 in domain specified.	xs:decimal
Band7Lower	M	Lowest scaled score value for Band 7 in domain specified.	xs:decimal
Band7Upper	M	Upper scaled score value for Band 7 in domain specified.	xs:decimal
Band8Lower	M	Lowest scaled score value for Band 8 in domain specified.	xs:decimal
Band8Upper	M	Upper scaled score value for Band 8 in domain specified.	xs:decimal
Band9Lower	M	Lowest scaled score value for Band 9 in domain specified.	xs:decimal
Band9Upper	M	Upper scaled score value for Band 9 in domain specified.	xs:decimal
Band10Lower	M	Lowest scaled score value for Band 10 in domain specified.	xs:decimal
Band10Upper	M	Upper scaled score value for Band 10 in domain specified.	xs:decimal

Table A.46-1: DomainBandsContainerType

A.47 DomainProficiencyContainerType

Container for the NAP Proficiency Levels

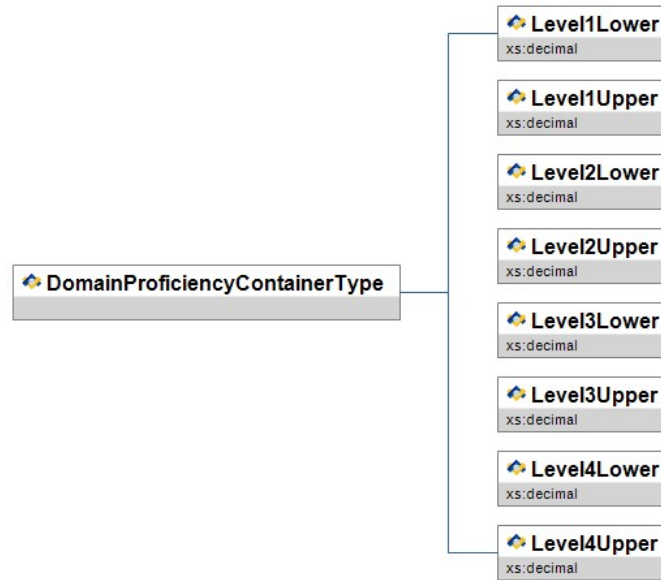


Figure A.47-1: DomainProficiencyContainerType

Element/@Attribute	Char	Description	Type
DomainProficiencyContainerType	M	Container for the NAP Proficiency Levels	
Level1Lower	M	Lowest scaled score value for Proficiency Level 1 in domain specified (place holder).	xs:decimal
Level1Upper	M	Upper scaled score value for Proficiency Level 1 in domain specified (place holder).	xs:decimal
Level2Lower	M	Lowest scaled score value for Proficiency Level 2 in domain specified (place holder).	xs:decimal
Level2Upper	M	Upper scaled score value for Proficiency Level 2 in domain specified (place holder).	xs:decimal
Level3Lower	M	Lowest scaled score value for Proficiency Level 3 in domain specified (place holder).	xs:decimal
Level3Upper	M	Upper scaled score value for Proficiency Level 3 in domain specified (place holder).	xs:decimal
Level4Lower	M	Lowest scaled score value for Proficiency Level 4 in domain specified (place holder).	xs:decimal
Level4Upper	M	Upper scaled score value for Proficiency Level 4 in domain specified (place holder).	xs:decimal

Table A.47-1: DomainProficiencyContainerType

A.48 DomainScoreType

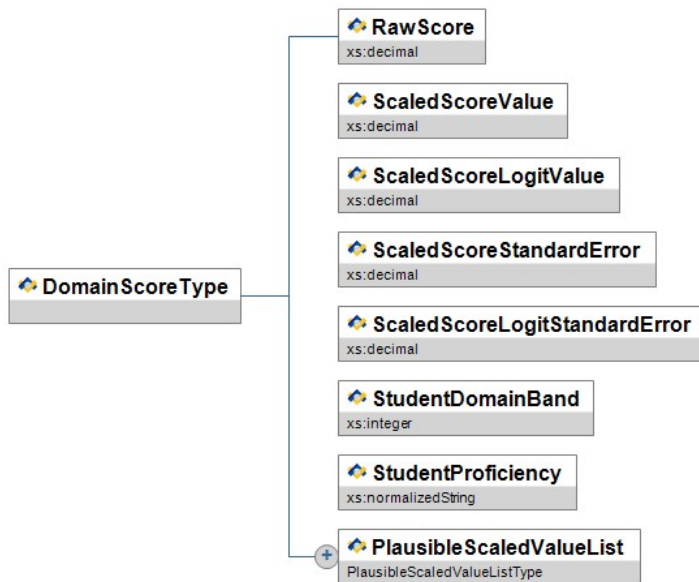


Figure A.48-1: DomainScoreType

Element/@Attribute	Char	Description	Type
DomainScoreType	M		
RawScore	M	Raw Total score across all Marked Student Responses for the Domain.	xs:decimal
ScaledScoreValue	M	Weighted Likelihood Estimate for Domain, commonly known as scaled score.	xs:decimal
ScaledScoreLogitValue	M	Student ability for Domain in logits at 0.5 probability level.	xs:decimal
ScaledScoreStandardError	M	Standard Error for Domain Scaled Score for this student.	xs:decimal
ScaledScoreLogitStandardError	M	Standard Error for Domain Scaled Score for this student in logits.	xs:decimal
StudentDomainBand	M	The integer value of the performance band that the student's score is in for the NAP test domain.	xs:integer
StudentProficiency	M	The Skill Progression Level that the student's score is in for the NAP test domain.	xs:normalizedString
PlausibleScaledValueList	MR		PlausibleScaledValueListType

Table A.48-1: DomainScoreType

A.49 DwellingArrangementType

Setting/environment in which the person resides.

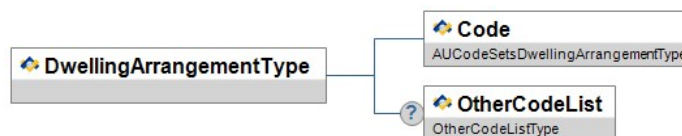


Figure A.49-1: DwellingArrangementType

Element/@Attribute	Char	Description	Type
DwellingArrangementType	O	Setting/environment in which the person resides.	
Code	M	Code representing the setting/environment in which the person resides	AUCodeSetsDwellingArrangementType

Element/@Attribute	Char	Description	Type
OtherCodeList	O		OtherCodeListType

Table A.49-1: DwellingArrangementType

A.50 EducationalLevelType

A code representing the highest level of education completed by a person.



Figure A.50-1: EducationalLevelType

Element/@Attribute	Char	Description	Type
EducationalLevelType		A code representing the highest level of education completed by a person.	AUCodeSetsSchoolEducationLevelTypeType

Table A.50-1: EducationalLevelType

```
<EducationalLevel>3</EducationalLevel>
```

Example A.50-1: EducationalLevelType

A.51 EducationFilterType

Based on feedback from publishers, instructional management and system integrator vendors, EducationFilter was developed to provide the ability to tag objects with metadata that allows for categorization, sorting, and filtering, to empower teaching and learning SIF usage. There exist two main business cases:

- Content providers receiving a request for learning resources can tag content with applicable filters. Upon receipt of SIF objects, receiving application can then read the metadata to categorize the content most appropriately.
- When supported by providers, this metadata can then be utilized in queries to more precisely limit the type of content returned to requesting applications.

The use cases for EducationFilter require a contract and choreography to be understood between both sides of the transaction as is the case with all SIF_Metadata.



Figure A.51-1: EducationFilterType

Element/@Attribute	Char	Description	Type
EducationFilterType			
LearningStandardItems	O	Allows any SIF object to be correlated to learning standards.	LearningStandardsType

Table A.51-1: EducationFilterType

```

<EducationFilter>
  <LearningStandardItems>
    <LearningStandardItemRefId>3E34B35-9D75-101A-8C3D-00AA001A1652</LearningStandardItemRefId>
    <LearningStandardItemRefId>4F34B35-9D75-101A-8C3D-00AA001A1652</LearningStandardItemRefId>
    <LearningStandardItemRefId>P034B35-9D75-101A-8C3D-00AA001A9D75</LearningStandardItemRefId>
    <LearningStandardItemRefId>2Z34B35-1652-101A-8C3D-00AA001A1667</LearningStandardItemRefId>
    <LearningStandardItemRefId>3E85F35-9D75-101A-8C3D-00AA001A2352</LearningStandardItemRefId>
    <LearningStandardItemRefId>3E34B35-9D75-101A-8C3D-00AA001A1659</LearningStandardItemRefId>
    <LearningStandardItemRefId>3E34B35-1652-101A-8C3D-00AA001A1652</LearningStandardItemRefId>
  </LearningStandardItems>
</EducationFilter>
  
```

Example A.51-1: EducationFilter - Example 1

A.52 ElectronicIdListType

A list of electronic identifiers associated with an entity.



Figure A.52-1: ElectronicIdListType

Element/@Attribute	Char	Description	Type
ElectronicIdListType		A list of electronic identifiers associated with an entity.	List
ElectronicId	MR		ElectronicIdType

Table A.52-1: ElectronicIdListType

```
<ElectronicIdList>
  <ElectronicId Type="01">206654</ElectronicId>
  <ElectronicId Type="03">1234</ElectronicId>
</ElectronicIdList>
```

Example A.52-1: ElectronicIdListType

A.53 ElectronicIdType

Common element used to specify entity identifiers that are read by electronic equipment.



Figure A.53-1: ElectronicIdType

Element/@Attribute	Char	Description	Type
ElectronicIdType		Common element used to specify entity identifiers that are read by electronic equipment.	xs:normalizedString
@ Type	M	Electronic ID type.	AUCodeSetsElectronicIdTypeType

Table A.53-1: ElectronicIdType

```
<ElectronicId Type="01">206654</ElectronicId>
```

Example A.53-1: ElectronicIdType

A.54 EmailListType

A list of e-mail addresses associated with an individual or organization.



Figure A.54-1: EmailListType

Element/@Attribute	Char	Description	Type
EmailListType		A list of e-mail addresses associated with an individual or organization.	list
Email	MR		EmailType

Table A.54-1: EmailListType

```
<EmailList>
  <Email Type="01">contact@sifinfo.org</Email>
  <Email Type="02">info@sifinfo.org</Email>
</EmailList>
```

Example A.54-1: EmailListType

A.55 EmailType

This element represents an e-mail address of one of a number of types and occurs in objects such as StudentPersonal, StaffPersonal, StudentContactPersonal, etc.

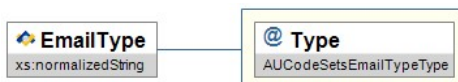


Figure A.55-1: EmailType

Element/@Attribute	Char	Description	Type
EmailType		This element represents an e-mail address of one of a number of types and occurs in objects such as StudentPersonal, StaffPersonal, StudentContactPersonal, etc.	xs:normalizedString
@ Type	M	This attribute specifies the type of e-mail address.	AUCodeSetsEmailTypeType

Table A.55-1: EmailType

```
<Email Type="01">contact@sifinfo.org</Email>
```

Example A.55-1: EmailType

A.56 EnglishProficiencyType

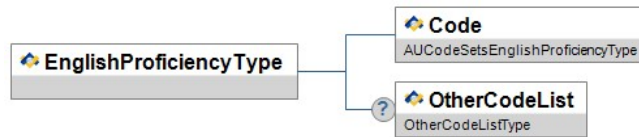


Figure A.56-1: EnglishProficiencyType

Element/@Attribute	Char	Description	Type
EnglishProficiencyType	O		
Code	M	Person's proficiency in English.	AUCodeSetsEnglishProficiencyType
OtherCodeList	O		OtherCodeListType

Table A.56-1: EnglishProficiencyType

```
<EnglishProficiency>
  <Code>9</Code>
</EnglishProficiency>
```

Example A.56-1: EnglishProficiencyType

A.57 EssentialMaterialsType

Essential materials required to engage in this activity.



Figure A.57-1: EssentialMaterialsType

Element/@Attribute	Char	Description	Type
EssentialMaterialsType	O	Essential materials required to engage in this activity.	List
EssentialMaterial	OR	Essential material required to engage in this activity.	xs:string

Table A.57-1: EssentialMaterialsType

A.58 EvaluationsType

Evaluations/review of the resource.



Figure A.58-1: EvaluationsType

Element/@Attribute	Char	Description	Type
EvaluationsType	O	Evaluations/review of the resource.	List
Evaluation	OR	Evaluation/review of resource.	EvaluationType

Table A.58-1: EvaluationsType

A.59 EvaluationType

Evaluation/review of resource.

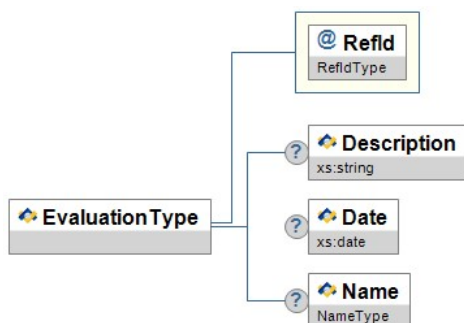


Figure A.59-1: EvaluationType

Element/@Attribute	Char	Description	Type
EvaluationType	OR	Evaluation/review of resource.	
@ RefId	M	GUID assigned to an evaluation.	RefIdType
Description	O	Description of evaluation of resource.	xs:string
Date	O	Date evaluation was performed	xs:date
Name	O	Name of individual who submitted evaluation.	NameType

Table A.59-1: EvaluationType

A.60 ExclusionRulesType

Rules for which statistic may not be reported.



Figure A.60-1: ExclusionRulesType

Element/@Attribute	Char	Description	Type
ExclusionRulesType	O	Rules for which statistic may not be reported.	List
ExclusionRule	OR	Rule for which statistic may not be reported	ExclusionRuleType

Table A.60-1: ExclusionRulesType

A.61 ExclusionRuleType

Rule for which statistic may not be reported

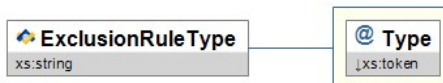


Figure A.61-1: ExclusionRuleType

Element/@Attribute	Char	Description	Type
ExclusionRuleType	OR	Rule for which statistic may not be reported	xs:string
@ Type	M		values: SampleSize Description

Table A.61-1: ExclusionRuleType

A.62 ExpenseAccountsType

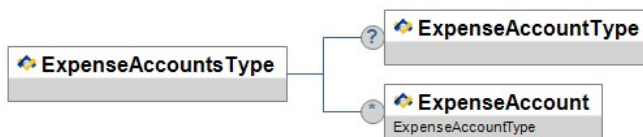


Figure A.62-1: ExpenseAccountsType

Element/@Attribute	Char	Description	Type
ExpenseAccountType	O		List
ExpenseAccount	OR	Account that is to be charged for the item.	ExpenseAccountType

Table A.62-1: ExpenseAccountsType

A.63 ExpenseAccountType

Account that is to be charged for the item.

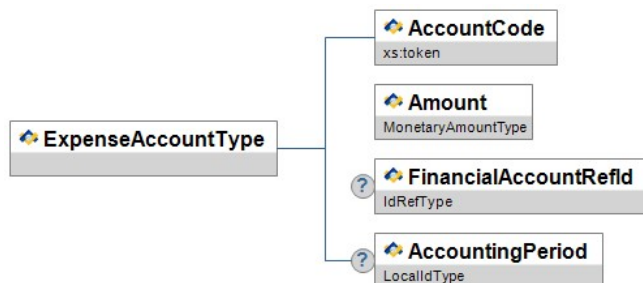


Figure A.63-1: ExpenseAccountType

Element/@Attribute	Char	Description	Type
ExpenseAccountType	OR	Account that is to be charged for the item.	
AccountCode	M	Account code charged to this item.	xs:token
Amount	M	Amount charged to this account.	MonetaryAmountType
FinancialAccountRefId	O	Account being charged.	IdRefType
AccountingPeriod	O	Accounting period for the charge.	LocalIdType

Table A.63-1: ExpenseAccountType

A.64 ExtendedContentType

Allows for any mixed XML in an element.



Figure A.64-1: ExtendedContentType

Element/@Attribute	Char	Description	Type
ExtendedContentType		Allows for any mixed XML in an element.	<pre><xs:complexContent mixed="true"> <xs:restriction base="xs:anyType"> <xs:sequence> <xs:any processContents="lax" minOccurs="0" maxOccurs="unbounded" /> </xs:sequence> </xs:restriction> </xs:complexContent></pre>

Table A.64-1: ExtendedContentType

A.65 FinancialAccountRefIdListType

Suggested minimum class size for this subject.



Figure A.65-1: FinancialAccountRefIdListType

Element/@Attribute	Char	Description	Type
FinancialAccountRefIdListType	O	Suggested minimum class size for this subject.	List
FinancialAccountRefId	OR	The chart of account codes associated with the invoice.	IdRefType

Table A.65-1: FinancialAccountRefIdListType

A.66 GraduationDateType

Date student officially graduated from secondary education.

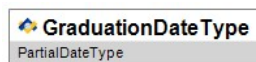


Figure A.66-1: GraduationDateType

Element/@Attribute	Char	Description	Type
GraduationDateType		Date student officially graduated from secondary education.	PartialDateType

Table A.66-1: GraduationDateType

```
<GraduationDate>2005-05-27</GraduationDate>
```

Example A.66-1: GraduationDateType

A.67 GridLocationType

This element contains a map location. The GridLocation element is utilized within the Address element.

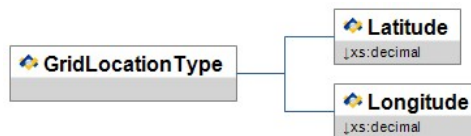


Figure A.67-1: GridLocationType

Element/@Attribute	Char	Description	Type				
GridLocationType		This element contains a map location. The GridLocation element is utilized within the Address element.					
Latitude	M	Latitude in decimal degrees. Latitudes north of the equator are positive, latitudes south of the equator are negative [ISO 6709].	xs:decimal <table border="1"> <tr><td>xs:minInclusive</td><td>-90</td></tr> <tr><td>xs:maxInclusive</td><td>90</td></tr> </table>	xs:minInclusive	-90	xs:maxInclusive	90
xs:minInclusive	-90						
xs:maxInclusive	90						
Longitude	M	Longitude in decimal degrees. Longitudes east of the Prime Meridian in Greenwich are positive, longitudes west of the Prime Meridian are negative. The 180th meridian is negative. [ISO 6709]	xs:decimal <table border="1"> <tr><td>xs:minInclusive</td><td>-180</td></tr> <tr><td>xs:maxInclusive</td><td>180</td></tr> </table>	xs:minInclusive	-180	xs:maxInclusive	180
xs:minInclusive	-180						
xs:maxInclusive	180						

Table A.67-1: GridLocationType

```

<GridLocation>
  <Latitude>41.850000</Latitude>
  <Longitude>-87.650000</Longitude>
</GridLocation>
  
```

Example A.67-1: GridLocationType

A.68 GUIDType

SIF format for a GUID. This is different for 2.x Infrastructure and 3.x Infrastructure - 2.x xs:pattern value="[0-9A-F]{32}" 3.x - xs:pattern value="[a-fA-F0-9]{8}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{12}" >



Figure A.68-1: GUIDType

Element/@Attribute	Char	Description	Type
GUIDType		SIF format for a GUID. This is different for 2.x Infrastructure and 3.x Infrastructure - 2.x xs:pattern value="[0-9A-F]{32}" 3.x - xs:pattern value="[a-fA-F0-9]{8}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{12}" >	xs:token <div style="border: 1px solid black; padding: 2px;"> xs:pattern [a-fA-F0-9]{8}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{12} </div>

Table A.68-1: GUIDType

A.69 HomeroomNumberType

Common element used to specify the locally-defined number or identifier for a homeroom. It is used in objects such as RoomInfo and StudentSnapshot.



Figure A.69-1: HomeroomNumberType

Element/@Attribute	Char	Description	Type
HomeroomNumberType		Common element used to specify the locally-defined number or identifier for a homeroom. It is used in objects such as RoomInfo and StudentSnapshot.	xs:normalizedString

Table A.69-1: HomeroomNumberType

```
<HomeroomNumber>A-204</HomeroomNumber>
```

Example A.69-1: HomeroomNumberType

A.70 HouseholdContactInfoListType

List of Households this Person is associated with



Figure A.70-1: HouseholdContactInfoListType

Element/@Attribute	Char	Description	Type
HouseholdContactInfoListType	O	List of Households this Person is associated with	List
HouseholdContactInfo	MR	Common element used to supply information about a particular household a person is a member of.	HouseholdContactInfoType

Table A.70-1: HouseholdContactInfoListType

A.71 HouseholdContactInfoType

Common element used to supply information about a particular household a person is a member of.

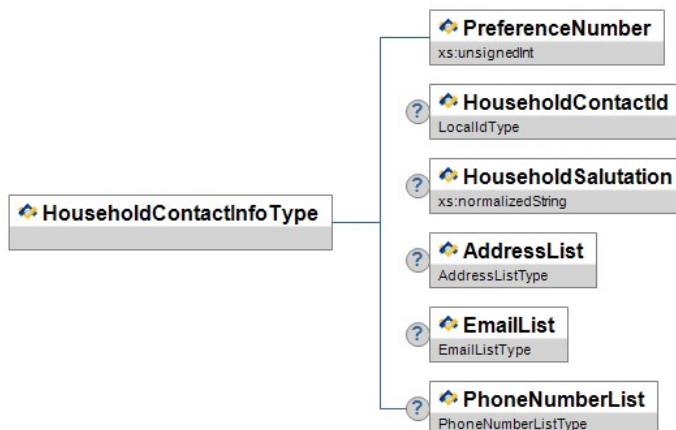


Figure A.71-1: HouseholdContactInfoType

Element/@Attribute	Char	Description	Type
HouseholdContactInfoType	MR	Common element used to supply information about a particular household a person is a member of.	
PreferenceNumber	M	Priority of Household Contact in relation to this Person.	xs:unsignedInt
HouseholdContactId	O	Local Household Id	LocalIdType
HouseholdSalutation	O	Salutation to be used in addressing this household.	xs:normalizedString
AddressList	O		AddressListType
EmailList	O	List of Email elements.	EmailListType
PhoneNumberList	O	List of PhoneNumber elements.	PhoneNumberListType

Table A.71-1: HouseholdContactInfoType

A.72 HouseholdListType



Figure A.72-1: HouseholdListType

Element/@Attribute	Char	Description	Type
HouseholdListType	O		List
Household	MR	Repeatable element containing the ID of a household.	LocalIdType

Table A.72-1: HouseholdListType

A.73 IdentityAssertionsType

The list of identity assertions for this user.

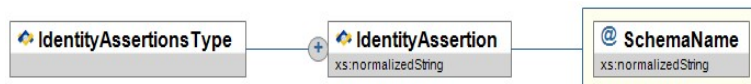


Figure A.73-1: Identity.AssertionsType

Element/@Attribute	Char	Description	Type
IdentityAssertionsType	O	The list of identity assertions for this user.	List
IdentityAssertion	MR	The identification string for this user.	xs:normalizedString
@ SchemaName	M	The name of the field. See implementation notes for details on required schema elements. Examples eduPersonPrincipalName sAMAccountName	xs:normalizedString

Table A.73-1: Identity.AssertionsType

A.74 IdRefType

A reference to a RefId.

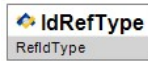


Figure A.74-1: IdRefType

Element/@Attribute	Char	Description	Type
IdRefType		A reference to a RefId.	RefIdType

Table A.74-1: IdRefType

A.75 LanguageBaseType

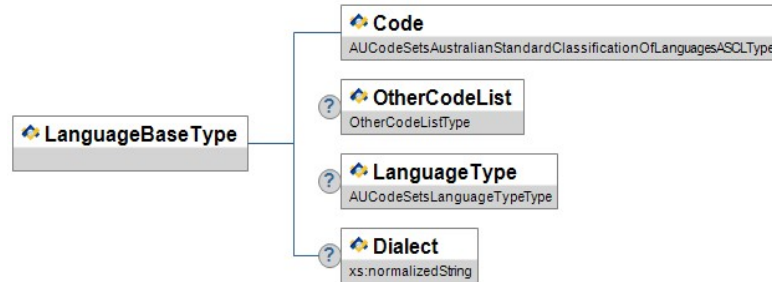


Figure A.75-1: LanguageBaseType

Element/@Attribute	Char	Description	Type
LanguageBaseType	MR		
Code	M	The code representing the specific language that an individual uses to communicate.	AUCodeSetsAustralianStandardClassificationOfLanguagesASCLType
OtherCodeList	O		OtherCodeListType
LanguageType	O	An indication of the function and context in which an individual uses a language to communicate.	AUCodeSetsLanguageTypeType
Dialect	O	Specific dialect of a person's language.	xs:normalizedString

Table A.75-1: LanguageBaseType

A.76 LanguageListType



Figure A.76-1: LanguageListType

Element/@Attribute	Char	Description	Type
LanguageListType	O		List
Language	MR		LanguageBaseType

Table A.76-1: LanguageListType

```

<LanguageList>
  <Language>
    <Code>1201</Code>
    <LanguageType>1</LanguageType>
  </Language>
  <Language>
    <Code>1301</Code>
    <LanguageType>9</LanguageType>
  </Language>
</LanguageList>
  
```

Example A.76-1: LanguageListType

A.77 LanguageOfInstructionType

Language in which the section is taught.

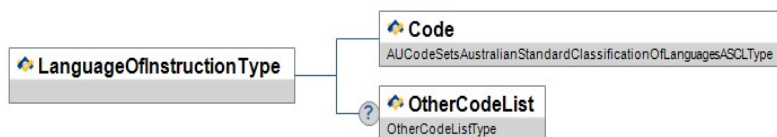


Figure A.77-1: LanguageOfInstructionType

Element/@Attribute	Char	Description	Type
LanguageOfInstructionType	O	Language in which the section is taught.	
Code	M	Code representing the language of instruction.	AUCodeSetsAustralianStandardClassificationOfLanguagesASCLType
OtherCodeList	O		OtherCodeListType

Table A.77-1: LanguageOfInstructionType

A.78 LEAContactListType



Figure A.78-1: LEAContactListType

Element/@Attribute	Char	Description	Type
LEAContactListType	O		List
LEAContact	MR	Information on contact persons for this LEA.	LEAContactType

Table A.78-1: LEAContactListType

A.79 LEAContactType

Information on contact persons for this LEA.

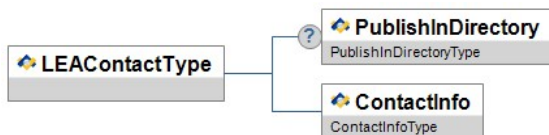


Figure A.79-1: LEAContactType

Element/@Attribute	Char	Description	Type
LEAContactType	MR	Information on contact persons for this LEA.	
PublishInDirectory	O	Indicates whether or not this LEA contact's information should be published in a directory of LEA information.	PublishInDirectoryType
ContactInfo	M		ContactInfoType

Table A.79-1: LEAContactType

A.80 LearningObjectivesType

Educational objectives of the activity.



Figure A.80-1: LearningObjectivesType

Element/@Attribute	Char	Description	Type
LearningObjectivesType	O	Educational objectives of the activity.	List
LearningObjective	OR	Description of an educational objective of the activity.	xs:string

A.81 LearningResourcesType

Container for related resources.



Figure A.81-1: LearningResourcesType

Element/@Attribute	Char	Description	Type
LearningResourcesType	O	Container for related resources.	List
LearningResourceRefId	OR	A relationship between the item and an attached resource (e.g. learning resource, work sample).	IdRefType

Table A.81-1: LearningResourcesType

A.82 LearningStandardsDocumentType

References to LearningStandard Documents.



Figure A.82-1: LearningStandardsDocumentType

Element/@Attribute	Char	Description	Type
LearningStandardsDocumentType	O	References to LearningStandard Documents.	List
LearningStandardDocumentRefId	OR	Reference to a LearningStandardItem Document.	IdRefType

Table A.82-1: LearningStandardsDocumentType

A.83 LearningStandardsType

References to LearningStandardItems.



Figure A.83-1: LearningStandardsType

Element/@Attribute	Char	Description	Type
LearningStandardsType	O	References to LearningStandardItems.	List
LearningStandardItemRefId	OR	Reference to a LearningStandardItem.	IdRefType

Table A.83-1: LearningStandardsType

A.84 LifeCycleType

This common metadata element describes the life cycle of the object it represents, based on the IEEE LOM LifeCycle element [LOM].

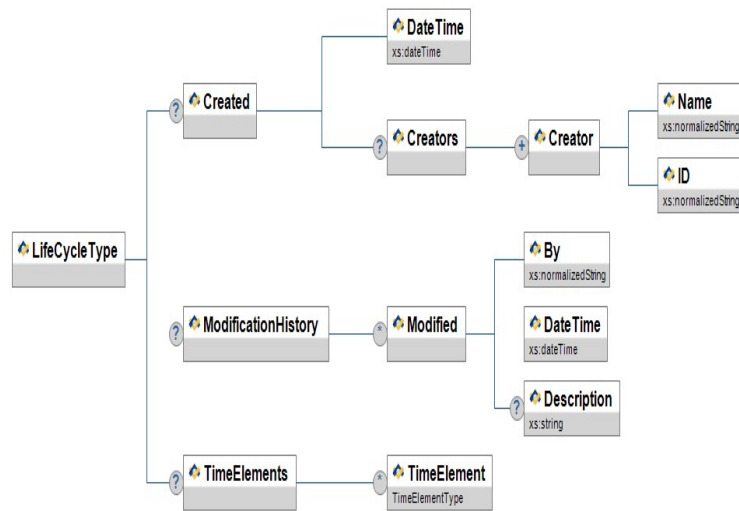


Figure A.84-1: LifeCycleType

Element/@Attribute	Char	Description	Type
LifeCycleType		This common metadata element describes the life cycle of the object it represents, based on the IEEE LOM LifeCycle element [LOM].	
Created	O	When the object was created by whom. This is a more persistent creation date than the date/time in the object's SIF_Header. Depending on the use case being implemented, this value could contain the date the data in the object first entered the zone or was actually created.	
Created/DateTime	M		xs:dateTime
Created/Creators	O		List
Created/Creators/Creator	MR		
Created/Creators/Creator/Name	M	Human-readable name of the data's creator. If the object contains system-generated data, the name should identify the creating service or application.	xs:normalizedString
Created/Creators/Creator/ID	M	Unique identifier of the creator. An email address or URI could be used here.	xs:normalizedString
ModificationHistory	O	An ordered set of Modified elements describing which system modified the data, when the modification took place, and a brief description of the modification.	List
ModificationHistory/Modified	OR	A single modification event.	
ModificationHistory/Modified/By	M	Identifier of the system or person that modified the data.	xs:normalizedString
ModificationHistory/Modified/DateTime	M	The date/time the modification occurred.	xs:dateTime
ModificationHistory/Modified/Description	O	Human readable description of the data modifications.	xs:string
TimeElements	O		List
TimeElements/TimeElement	OR		TimeElementType

Table A.84-1: LifeCycleType

```

<LifeCycle>
  <Created>
    <DateTime>2006-08-13T09:00:00-05:00</DateTime>
    <Creators>
      <Creator>
        <Name>Alphonse Berdonosi</Name>
        <ID>http://www.edugeeks.com/aberdonosi</ID>
      </Creator>
    </Creators>
  </Created>
  <ModificationHistory>
    <Modified>
      <By>http://www.edugeeks.com/aberdonosi</By>
      <DateTime>2006-08-17T09:30:00-05:00</DateTime>
    </Modified>
  </ModificationHistory>
</LifeCycle>

```

Example A.84-1: LifeCycleType

A.85 LocalIdType

This is a common element used to define the locally assigned identifier associated with an entity.



Figure A.85-1: LocalIdType

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
LocalIdType		This is a common element used to define the locally assigned identifier associated with an entity.	xs:normalizedString

Table A.85-1: LocalIdType

```
<LocalId>123321A</LocalId>
```

Example A.85-1: LocalId Example

A.86 LocationOfInstructionType

Description of the location in which the section is taught.

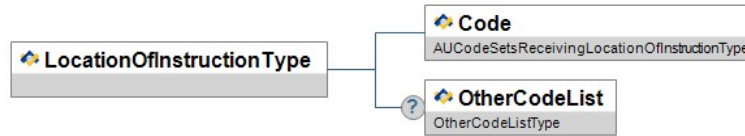


Figure A.86-1: LocationOfInstructionType

Element/@Attribute	Char	Description	Type
LocationOfInstructionType	O	Description of the location in which the section is taught.	
Code	M	Code representing the location of instruction.	AUCodeSetsReceivingLocationOfInstructionType
OtherCodeList	O		OtherCodeListType

Table A.86-1: LocationOfInstructionType

A.87 LocationType

This common element initially supports core data elements describing specific physical locations.

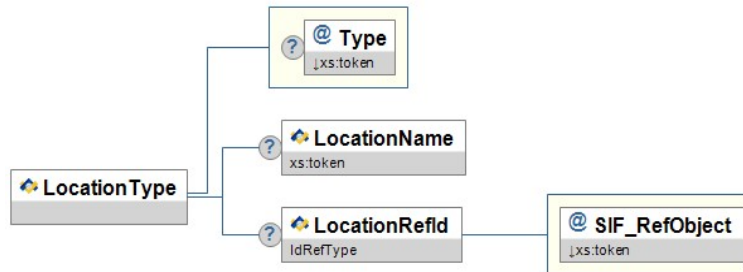


Figure A.87-1: LocationType

Element/@Attribute	Char	Description	Type
LocationType			
@ Type	O		values: Classroom School District Campus IntermediateUnit StateEducationAgency NonInstructionalSpace AthleticVenue Other
LocationName	O	Name of the location.	xs:token
LocationRefId	O	RefId of the location object if the location is a SIF Object such as SchoolInfo.	IdRefType
@ SIF_RefObject	M	Type of SIF Object Location points to.	values: SchoolInfo LEAInfo RoomInfo

Table A.87-1: LocationType

```
<Location Type="Classroom">
  <LocationName>Beaconhills Middle School Library</LocationName>
  <LocationRefId SIF_RefObject="RoomInfo">3E34B35-9D75-101A-8C3D-00AA001A1652</LocationRefId>
</Location>
```

Example A.87-1: Location Example

A.88 LResourcesType

Learning resources that support this activity.



Figure A.88-1: LResourcesType

Element/@Attribute	Char	Description	Type
LResourcesType	O	Learning resources that support this activity.	List
LearningResourceRefd	OR	A GUID reference to a SIF LearningResource object that supports this activity	ResourcesType

Table A.88-1: LResourcesType

A.89 MapReferenceType

A Map Reference in x-y co-ordinates.

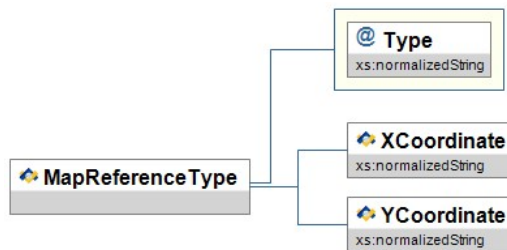


Figure A.89-1: MapReferenceType

Element/@Attribute	Char	Description	Type
MapReferenceType	O	A Map Reference in x-y co-ordinates.	
@ Type	M	Type map reference	xs:normalizedString
XCoordinate	M	X Co-ordinate of reference	xs:normalizedString
YCoordinate	M	Y Co-ordinate of reference	xs:normalizedString

Table A.89-1: MapReferenceType

A.90 MediaTypesType

Resource media types.



Figure A.90-1: MediaTypesType

Element/@Attribute	Char	Description	Type
MediaTypesType	O	Resource media types.	List
MediaType	OR	MIME type [MIME] based on IANA registration (see RFC2048) or 'non-digital'.	xs:token

Table A.90-1: MediaTypesType

A.91 MedicalAlertMessagesType



Figure A.91-1: MedicalAlertMessagesType

Element/@Attribute	Char	Description	Type
MedicalAlertMessagesType	O		List
MedicalAlertMessage	MR	Medical alert associated with the student.	MedicalAlertMessageType

Table A.91-1: MedicalAlertMessagesType

A.92 MedicalAlertMessageType

Medical alert associated with the student.



Figure A.92-1: MedicalAlertMessageType

Element/@Attribute	Char	Description	Type
MedicalAlertMessageType	MR	Medical alert associated with the student.	xs:string
@Severity	M	The level of severity of this medical alert.	values: Low Moderate High Severe Unknown

Table A.92-1: MedicalAlertMessageType

A.93 MediumOfInstructionType

Medium through which the student receives instructional communication from the teacher.

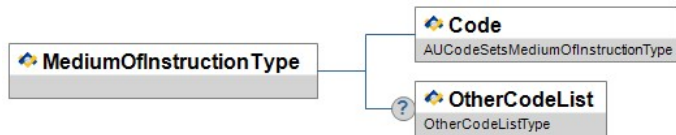


Figure A.93-1: MediumOfInstructionType

Element/@Attribute	Char	Description	Type
MediumOfInstructionType	O	Medium through which the student receives instructional communication from the teacher.	
Code	M	Code representing the medium of instruction.	AUCodeSetsMediumOfInstructionType
OtherCodeList	O		OtherCodeListType

Table A.93-1: MediumOfInstructionType

A.94 MonetaryAmountType

A monetary amount.



Figure A.94-1: MonetaryAmountType

Element/@Attribute	Char	Description	Type
MonetaryAmountType		A monetary amount.	xs:decimal
@Currency	O	Currency code. Where omitted, defaults to implementation-defined local currency, typically used in the United States.	ISO4217CurrencyNamesAndCodeElementsType

A.95 MsgIdType

A message identifier.

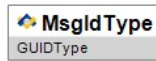


Figure A.95-1: MsgIdType

Element/@Attribute	Char	Description	Type
MsgIdType		A message identifier.	GUIDType

Table A.95-1: MsgIdType

A.96 NameOfRecordType

Extends BaseNameType to allow for one type attribute value, indicating the name is the name of record; serves as the primary name in some SIF objects, including StudentPersonal.



Figure A.96-1: NameOfRecordType

Element/@Attribute	Char	Description	Type
NameOfRecordType		Extends BaseNameType to allow for one Type attribute value, indicating the name is the name of record; serves as the primary name in some SIF objects, including StudentPersonal.	BaseNameType
@ Type	M	Code that specifies what type of name this is. Note that type "LGL" must be used here.	values: LGL Name of Record

Table A.96-1: NameOfRecordType

A.97 NameType

The Name element, which could belong to a student, staff member, contact, etc. This element or a form of this element with a subset of Type values occurs within objects such as StudentPersonal, StudentContactPersonal, StaffPersonal, etc.



Figure A.97-1: NameType

Element/@Attribute	Char	Description	Type
NameType		The Name element, which could belong to a student, staff member, contact, etc. This element or a form of this element with a subset of Type values occurs within objects such as StudentPersonal, StudentContactPersonal, StaffPersonal, etc.	BaseNameType
@ Type	M	Code that specifies what type of name this is. If unsure, use LGL.	AUCodeSetsNameUsageTypeType

Table A.97-1: NameType

```

<Name Type="LGL">
  <FamilyName>Woodall</FamilyName>
  <GivenName>Charles</GivenName>
  <MiddleName>William</MiddleName>
</Name>
  
```

Example A.97-1: NameType

A.98 NAPCodeFrameTestletListType



Figure A.98-1: NAPCodeFrameTestletListType

Element/@Attribute	Char	Description	Type
NAPCodeFrameTestletListType	M		List

Element/@Attribute	Char	Description	Type
Testlet	MR		NAPTestletCodeFrameType

Table A.98-1: NAPCodeFrameTestletListType

A.99 NAPLANClassListType

Container for a list of classes a teacher may be responsible for with regard to NAPLAN only.



Figure A.99-1: NAPLANClassListType

Element/@Attribute	Char	Description	Type
NAPLANClassListType	O	Container for a list of classes a teacher may be responsible for with regard to NAPLAN only.	List
ClassCode	OR	The name of the class code the staff member administers, for the purposes of NAPLAN registration.	xs:normalizedString

Table A.99-1: NAPLANClassListType

A.100 NAPStudentResponseTestletListType

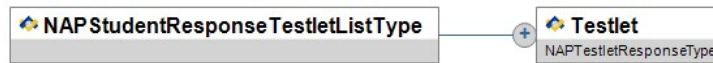


Figure A.100-1: NAPStudentResponseTestletListType

Element/@Attribute	Char	Description	Type
NAPStudentResponseTestletListType	M		List
Testlet	MR	Scores received by the student for each testlet in the test.	NAPTestletResponseType

Table A.100-1: NAPStudentResponseTestletListType

A.101 NAPSubscoreListType



Figure A.101-1: NAPSubscoreListType

Element/@Attribute	Char	Description	Type
NAPSubscoreListType	M		List
Subscore	MR		NAPSubscoreType

Table A.101-1: NAPSubscoreListType

A.102 NAPSubscoreType

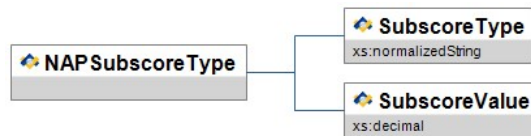


Figure A.102-1: NAPSubscoreType

Element/@Attribute	Char	Description	Type
NAPSubscoreType	MR		
SubscoreType	M	Subscoring category, under which student receives a mark contributing to the total mark.	xs:normalizedString

Element/@Attribute	Char	Description	Type
SubscoreValue	M	Student's mark received for this particular subscore category.	xs:decimal

Table A.102-1: NAPSubscoreType

A.103 NAPTestContentType

Contents of an assessment assigned in the context of NAP, targeted at a particular domain and year level.

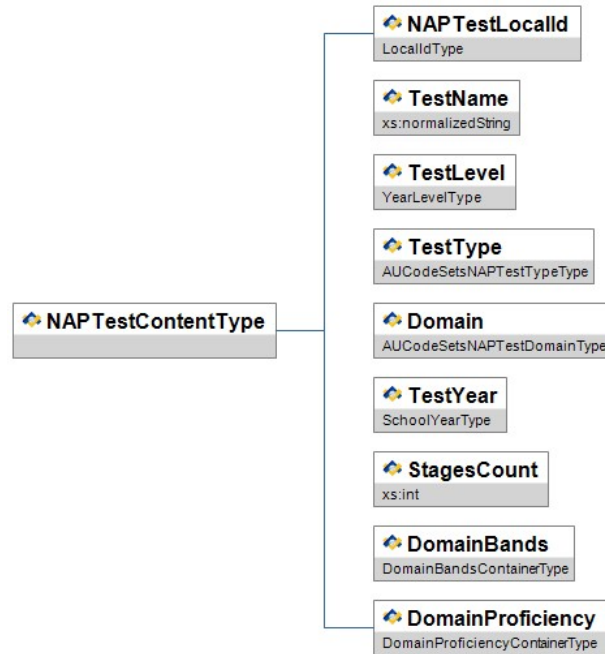


Figure A.103-1: NAPTestContentType

Element/@Attribute	Char	Description	Type
NAPTestContentType	M	Contents of an assessment assigned in the context of NAP, targeted at a particular domain and year level.	
NAPTestLocalId	M	Local identifier of NAP test.	LocalIdType
TestName	M	Name of the NAP test.	xs:normalizedString
TestLevel	M		YearLevelType
TestType	M	Type of NAP Test assigned in the session	AUCodeSetsNAPTestTypeType
Domain	M		AUCodeSetsNAPTestDomainType
TestYear	M	Year that testing took place, e.g. 2017.	SchoolYearType
StagesCount	M	Number of branching stages in the test; 1 for a flat test.	xs:int
DomainBands	M		DomainBandsContainerType
DomainProficiency	M		DomainProficiencyContainerType

Table A.103-1: NAPTestContentType

A.104 NAPTestItem2Type

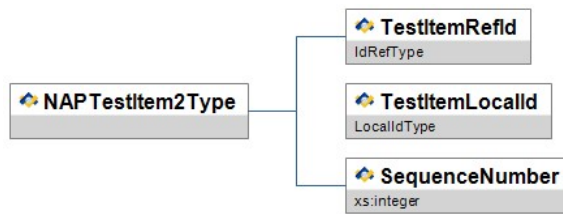


Figure A.104-1: NAPTestItem2Type

Element/@Attribute	Char	Description	Type
NAPTestItem2Type	MR		
TestItemRefId	M	The GUID that identifies the test item.	IdRefType
TestItemLocalId	M	Local identifier of the test item.	LocalIdType
SequenceNumber	M	Location of test item in testlet, as an ordinal.	xs:integer

Table A.104-1: NAPTestItem2Type

A.105 NAPTestItemContentType

Contents of a Test Item in the context of NAP.

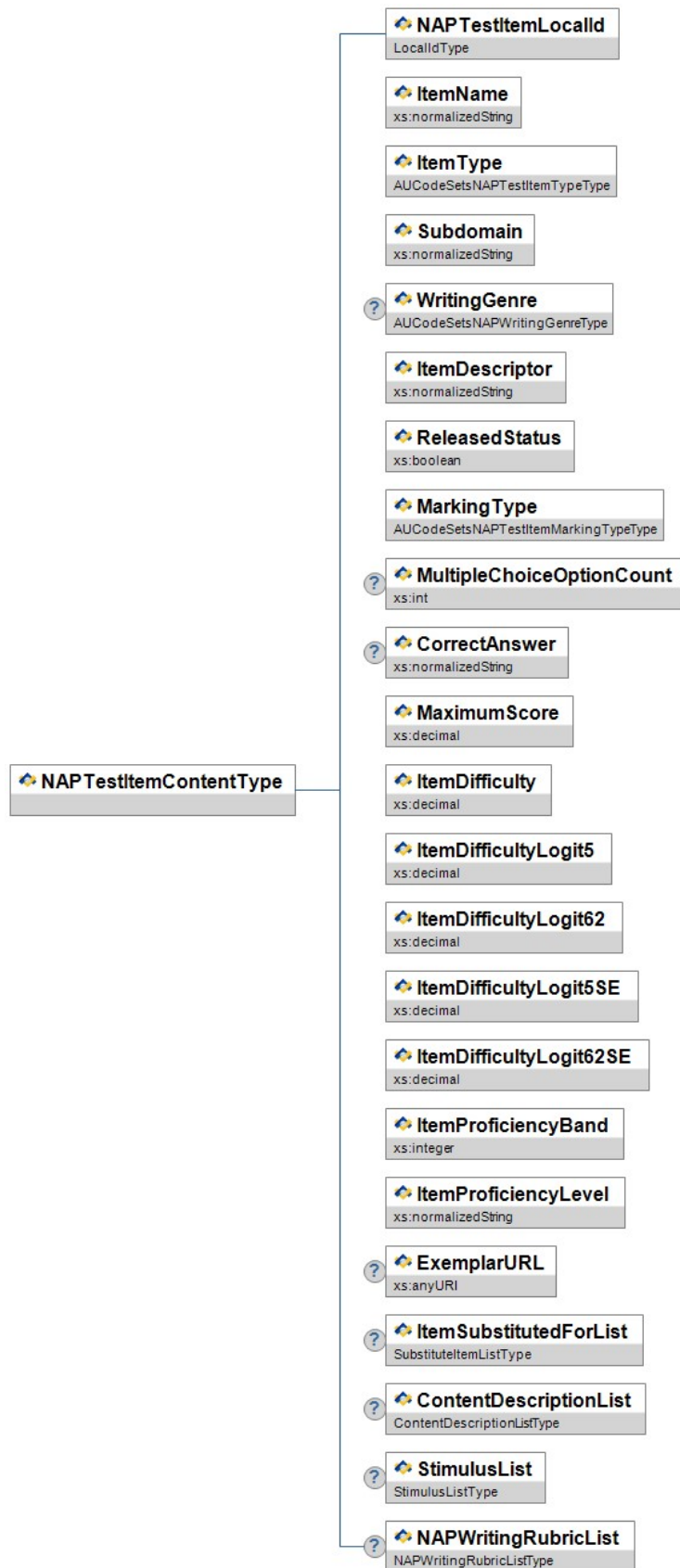


Figure A.105-1: NAPTestItemContentType

Element/@Attribute	Char	Description	Type
NAPTestItemContentType	M	Contents of a Test Item in the context of NAP.	
NAPTestItemLocalId	M	Local identifier of NAP test item.	LocalId

Element/@Attribute	Char	Description	Type
ItemName	M	Name of NAP test item.	xs:normalizedString
ItemType	M	Response type for the test item.	AUCodeSetsNAPTestItemTypeType
Subdomain	M	Subdomain descriptor for the test item.	xs:normalizedString
WritingGenre	O	Genre of writing for the test item. Values: Narrative, Persuasive.	AUCodeSetsNAPWritingGenreType
ItemDescriptor	M	Description of the test item.	xs:normalizedString
ReleasedStatus	M	Whether the test item has been publicly released.	xs:boolean
MarkingType	M	Method used to mark the test item. Values: AS Auto Scoring, MM Manual Marking, AES Auto Essay Scoring.	AUCodeSetsNAPTestItemMarkingTypeType
MultipleChoiceOptionCount	O	For multiple choice and multiple choices questions, the number of questions.	xs:int
CorrectAnswer	O	The correct answer to the test item. (Mandatory for everything except writing).	xs:normalizedString
MaximumScore	M	Full marks allocated for correct response.	xs:decimal
ItemDifficulty	M	Item difficulty on same scale as Student Scaled Score.	xs:decimal
ItemDifficultyLogit5	M	Item difficulty in logits at 0.5 probability.	xs:decimal
ItemDifficultyLogit62	M	Item difficulty in logits at 0.62 probability.	xs:decimal
ItemDifficultyLogit5SE	M	Standard Error for item difficulty in logits at 0.5 probability.	xs:decimal
ItemDifficultyLogit62SE	M	Standard Error for item difficulty in logits at 0.62 probability.	xs:decimal
ItemProficiencyBand	M	The item proficiency band. Uses the same classification as Student Scaled Score.	xs:integer
ItemProficiencyLevel	M	The item proficiency level. Uses the same classification as Student Scaled Score.	xs:normalizedString
ExemplarURL	O	The publicly accessible location of an exemplar for the test item. Used if the test item itself has not been published.	xs:anyURI
ItemSubstitutedForList	O	List of the RefId of the main item(s) for which this is a Substitute item.	SubstituteItemListType
ContentDescriptionList	O		ContentDescriptionListType
StimulusList	O		StimulusListType
NAPWritingRubricList	O		NAPWritingRubricListType

Table A.105-1: NAPTestItemContentType

A.106 NAPTestItemListType



Figure A.106-1: NAPTestItemListType

Element/@Attribute	Char	Description	Type
NAPTestItemListType	M		List
TestItem	MR		NAPTestItem2Type

Table A.106-1: NAPTestItemListType

A.107 NAPTestletCodeFrameType

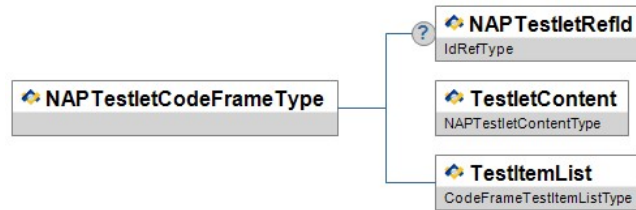


Figure A.107-1: NAPTestletCodeFrameType

Element/@Attribute	Char	Description	Type
NAPTestletCodeFrameType	MR		
NAPTestletRefid	O	GUID of Testlet object.	IdRefType
TestletContent	M		NAPTestletContentType
TestItemList	M		CodeFrameTestItemListType

Table A.107-1: NAPTestletCodeFrameType

A.108 NAPTestletContentType

Contents of a Testlet in the context of NAP.

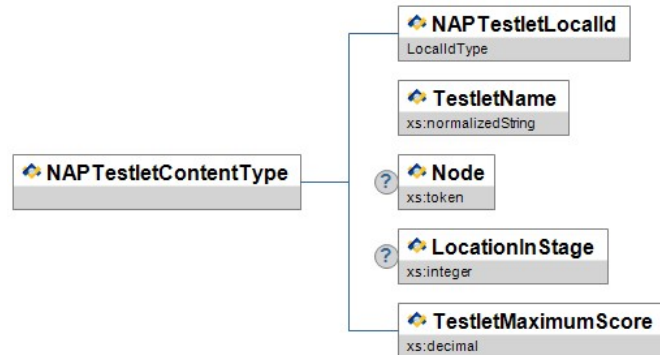


Figure A.108-1: NAPTestletContentType

Element/@Attribute	Char	Description	Type
NAPTestletContentType	M	Contents of a Testlet in the context of NAP.	
NAPTestletLocalId	M	Local identifier that identifies this NAP testlet.	LocalIdType
TestletName	M	Testlet name allocated at test construction.	xs:normalizedString
Node	O	Label of testlet used for testlet sequencing. Values: A,B,C,D,E,F,G.	xs:token

Element/@Attribute	Char	Description	Type
LocationInStage	O	Location of Testlet in stage.	xs:integer
TestletMaximumScore	M	Weighted Maximum score that a student can achieve in this testlet.	xs:decimal

Table A.108-1: NAPTestletContentType

A.109 NAPTestletItemResponseListType

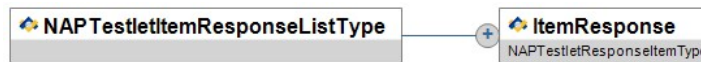


Figure A.109-1: NAPTestletItemResponseListType

Element/@Attribute	Char	Description	Type
NAPTestletItemResponseListType	M		List
ItemResponse	MR		NAPTestletResponseItemType

Table A.109-1: NAPTestletItemResponseListType

A.110 NAPTestletResponseItemType

Scores received by the student for each item in the testlet

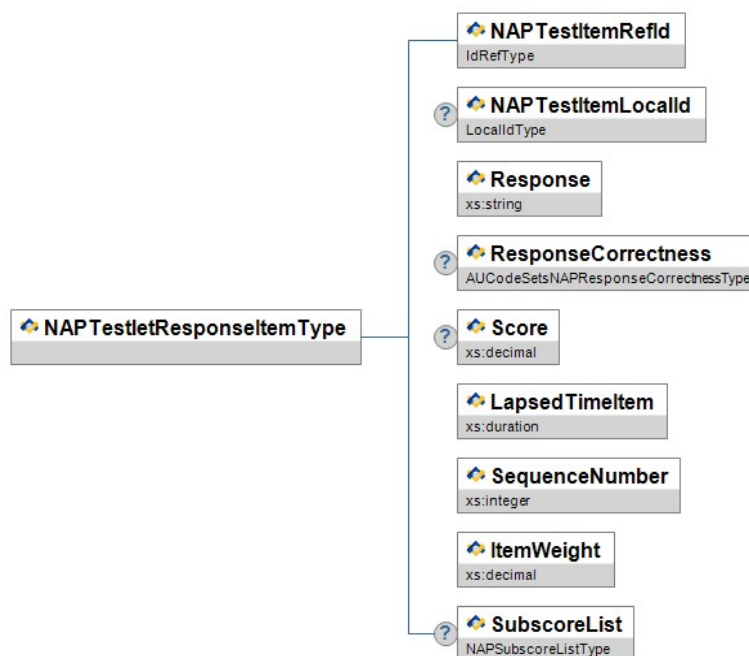


Figure A.110-1: NAPTestletResponseItemType

Element/@Attribute	Char	Description	Type
NAPTestletResponseItemType	MR	Scores received by the student for each item in the testlet	
NAPTestItemRefId	M	The GUID that identifies this NAPLAN test item.	IdRefType
NAPTestItemLocalId	O	Local identifier for the test item.	LocalIdType
Response	M	Student's response to the test item; can include the HTML formatted original response for writing.	xs:string

Element/@Attribute	Char	Description	Type
ResponseCorrectness	O	After the test has been scored, this value will indicate the correctness of the response. This element will be missing if the response has not yet been scored. For open ended items that are scored using a rubric, this value will also likely be missing. These items do not fall nicely into the right/wrong category.	AUCodeSetsNAPResponseCorrectnessType
Score	O	Score received by student for item.	xs:decimal
LapsedTimeItem	M	Time taken for student to complete item.	xs:duration
SequenceNumber	M	Location of test item in testlet, as an ordinal.	xs:integer
ItemWeight	M	Weighting for item in calculation of raw scores for testlets, tests.	xs:decimal
SubscoreList	O	Subscores contributing to the total mark.	NAPSubscoreListType

Table A.110-1: NAPTestletResponseItem Type

A.111 NAPTestletResponseType

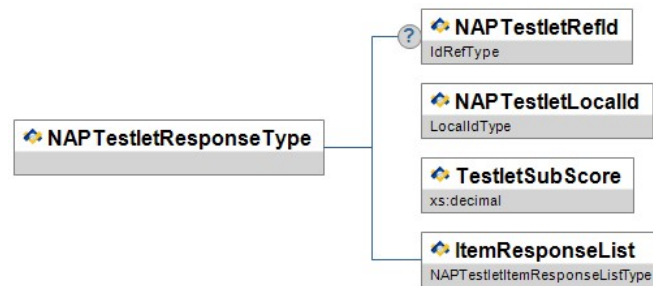


Figure A.111-1: NAPTestletResponseType

Element/@Attribute	Char	Description	Type
NAPTestletResponseType	MR		
NAPTestletRefId	O	The GUID for the testlet that the student is sitting. May be linking to prior codeframe download.	IdRefType
NAPTestletLocalId	M	Local identifier of NAP testlet.	LocalIdType
TestletSubScore	M	Weighted Total score across all Marked Student Responses for the testlet.	xs:decimal
ItemResponseList	M		NAPTestletItemResponseListType

Table A.111-1: NAPTestletResponseType

A.112 NAPWritingRubricListType



Figure A.112-1: NAPWritingRubricListType

Element/@Attribute	Char	Description	Type
NAPWritingRubricListType	O		List
NAPWritingRubric	MR		NAPWritingRubricType

Table A.112-1: NAPWritingRubricListType

A.113 NAPWritingRubricType

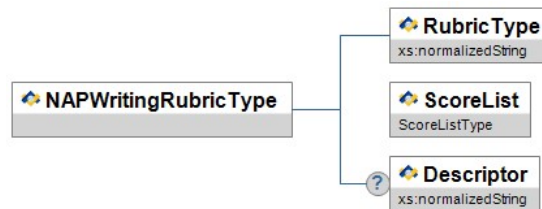


Figure A.113-1: NAPWritingRubricType

Element/@Attribute	Char	Description	Type
NAPWritingRubricType	MR		
RubricType	M	Category that rubric is scoring for.	xs:normalizedString
ScoreList	M	Category that rubric is scoring for.	ScoreListType
Descriptor	O	Descriptor of Score Point of Writing Rubric.	xs:normalizedString

Table A.113-1: NAPWritingRubricType

A.114 ObjectNameType

An unenumerated SIF object name.



Figure A.114-1: ObjectNameType

Element/@Attribute	Char	Description	Type
ObjectNameType		An unenumerated SIF object name.	xs:NCName xs:maxLength 64

Table A.114-1: ObjectNameType

A.115 ObjectType

A SIF XML object.

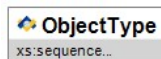


Figure A.115-1: ObjectType

Element/@Attribute	Char	Description	Type
ObjectType		A SIF XML object.	<pre> <xs:sequence> <xs:any processContents="lax" minOccurs="0" maxOccurs="unbounded" namespace="##any" /> </xs:sequence> </pre>

Table A.115-1: ObjectType

A.116 OnTimeGraduationYearType

First projected graduation year, usually determined when student is accepted into 9th grade (CCYY).



Figure A.116-1: OnTimeGraduationYearType

Element/@Attribute	Char	Description	Type

Element/@Attribute	Char	Description	Type
OnTimeGraduationYearType		First projected graduation year, usually determined when student is accepted into 9th grade (CCYY).	xs:gYear

Table A.116-1: OnTimeGraduationYearType

```
<OnTimeGraduationYear>2006</OnTimeGraduationYear>
```

Example A.116-1: OnTimeGraduationYearType

A.117 OperationalStatusType

This common element contains status information for an institution.

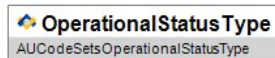


Figure A.117-1: OperationalStatusType

Element/@Attribute	Char	Description	Type
OperationalStatusType		Operational condition of an institution.	AUCodeSetsOperationalStatusType

Table A.117-1: OperationalStatusType

```
<OperationalStatus>0</OperationalStatus>
```

Example A.117-1: OperationalStatusType

A.118 OrganizationsType



Figure A.118-1: OrganizationsType

Element/@Attribute	Char	Description	Type
OrganizationsType	M		List
Organization	MR	Name of organization represented by the document, i.e., "National Council of Teachers of Mathematics (NCTM)," "ACARA", "NSW DET".	xs:normalizedString

Table A.118-1: OrganizationsType

A.119 OtherCodeListType

List of other codes or strings that crosswalk to or serve as translations of the code element paired with this common element. If code changes and otherCodes are supported, both code and all associated otherCode elements must be present.



Figure A.119-1: OtherCodeListType

Element/@Attribute	Char	Description	Type
OtherCodeListType		List of other codes or strings that crosswalk to or serve as translations of the code element paired with this common element. If code changes and otherCodes are supported, both code and all associated otherCode elements must be present.	List
OtherCode	MR	A state/province code, local code, other code or a text string that crosswalks to or serves as a translation of an associated code element.	xs:token
@Codeset	M	Describes the otherCode element content as either a state/province code, a local code, other code, or text string.	values: StateProvince Local Other Text

Table A.119-1: OtherCodeListType

```

<OtherCodeList>
  <OtherCode Codeset="Local">S</OtherCode>
  <OtherCode Codeset="Text">Semester</OtherCode>
</OtherCodeList>

```

Example A.119-1: OtherCodeListType

A.120 OtherIdListType

Lists all "other" identifiers associated with the entity.



Figure A.120-1: OtherIdListType

Element/@Attribute	Char	Description	Type
OtherIdListType	O	Lists all "other" identifiers associated with the entity.	List
OtherId	MR	Lists an "other" identifier associated with the entity.	OtherIdType

Table A.120-1: OtherIdListType

A.121 OtherIdType

Lists an "other" identifier associated with the entity.

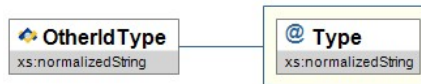


Figure A.121-1: OtherIdType

Element/@Attribute	Char	Description	Type
OtherIdType	MR	Lists an "other" identifier associated with the entity.	xs:normalizedString
@ Type	M	Code that defines the type of this other ID.	xs:normalizedString

Table A.121-1: OtherIdType

A.122 OtherNamesType

Previous, alternate or other names or aliases associated with a person.



Figure A.122-1: OtherNamesType

Element/@Attribute	Char	Description	Type
OtherNamesType	O	Previous, alternate or other names or aliases associated with a person.	List
Name	MR	Name of the person. Note: Type value of LGL may not occur here.	OtherNameType

Table A.122-1: OtherNamesType

```

<OtherNames>
  <Name Type="AKA">
    <FamilyName>Anderson</FamilyName>
    <GivenName>Samuel</GivenName>
    <FullName>Samuel Anderson</FullName>
  </Name>
  <Name Type="PRF">
    <FamilyName>Rowinski</FamilyName>
    <GivenName>Sam</GivenName>
    <FullName>Sam Rowinski </FullName>
  </Name>
</OtherNames>

```

Example A.122-1: OtherNamesType

A.123 OtherNameType

Extends `BaseNameType` to allow for `Type` attribute values excluding "name of record." Used for other names to be included in addition to the name of record in objects.



Figure A.123-1: OtherNameType

Element/@Attribute	Char	Description	Type
OtherNameType		Extends <code>BaseNameType</code> to allow for <code>Type</code> attribute values excluding "name of record." Used for other names to be included in addition to the name of record in objects.	<code>BaseNameType</code>
@ Type	M	Code that specifies what type of name this is. Note that type "LGL" is NOT to be used here.	<code>AUCodeSetsNameUsageTypeType</code>

Table A.123-1: OtherNameType

A.124 PartialDateType

A year, with an optional month/day, or an optional month by itself.

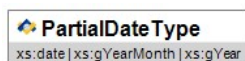


Figure A.124-1: PartialDateType

Element/@Attribute	Char	Description	Type
PartialDateType		A year, with an optional month/day, or an optional month by itself.	union of: <code>xs:date</code> <code>xs:gYearMonth</code> <code>xs:gYear</code>

Table A.124-1: PartialDateType

A.125 PasswordListType

Allows a provider or publisher to specify the same password using multiple algorithms, if supported.



Figure A.125-1: PasswordListType

Element/@Attribute	Char	Description	Type
PasswordListType	O	Allows a provider or publisher to specify the same password using multiple algorithms, if supported.	List
Password	MR	A representation of the user's password using the given algorithm.	<code>xs:base64Binary</code>
@ Algorithm	M	The method used to encrypt the user's password. See the implementation details below.	values: <code>MD5</code> <code>SHA1</code> <code>DES</code> <code>TripleDES</code> <code>RC2</code> <code>AES</code> <code>RSA</code>
@ KeyName	M	The name of the key to be used for decryption of the password. Left blank for hash algorithms (MD5 and SHA1).	<code>xs:normalizedString</code>

Table A.125-1: PasswordListType

A.126 PersonInfoType

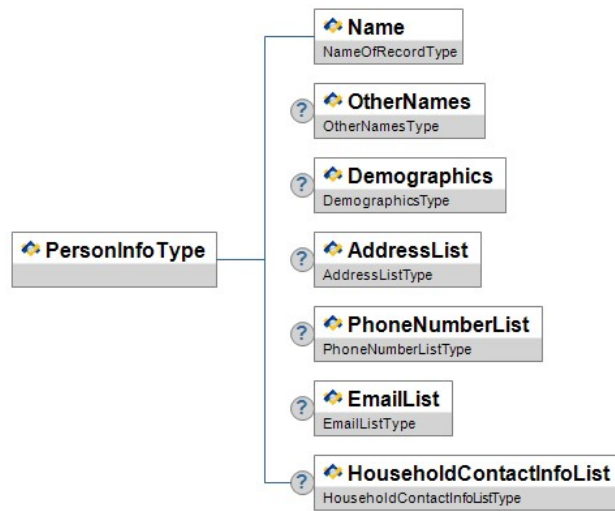


Figure A.126-1: PersonInfoType

Element/@Attribute	Char	Description	Type
PersonInfoType			
Name	M	The name of the person. Note: Type attribute value of LGL must be used here.	NameOfRecordType
OtherNames	O	Previous, alternate or other names or aliases associated with the person.	OtherNamesType
Demographics	O	Demographic information about the person.	DemographicsType
AddressList	O	The person's address(es).	AddressListType
PhoneNumberList	O	The person's phone number(s).	PhoneNumberListType
EmailList	O	The person's e-mail address(es).	EmailListType
HouseholdContactInfoList	O	The person's household/s contact information.	HouseholdContactInfoListType

Table A.126-1: PersonInfoType

```

<PersonInfo>
  <Name Type="LGL">
    <FamilyName>Smith</FamilyName>
    <GivenName>Fred</GivenName>
    <FullName>Fred Smith</FullName>
  </Name>
  <OtherNames>
    <Name Type="AKA">
      <FamilyName>Anderson</FamilyName>
      <GivenName>Samuel</GivenName>
      <FullName>Samuel Anderson</FullName>
    </Name>
    <Name Type="PRF">
      <FamilyName>Rowinski</FamilyName>
      <GivenName>Sam</GivenName>
      <FullName>Sam Rowinski </FullName>
    </Name>
  </OtherNames>
  <Demographics>
    <IndigenousStatus>3</IndigenousStatus>
    <Sex>1</Sex>
    <BirthDate>1990-09-26</BirthDate>
    <BirthDateVerification>1004</BirthDateVerification>
    <PlaceOfBirth>Clayton</PlaceOfBirth>
    <StateOfBirth>VIC</StateOfBirth>
    <CountryOfBirth>1101</CountryOfBirth>
    <CountriesOfCitizenship>
      <CountryOfCitizenship>8104</CountryOfCitizenship>
      <CountryOfCitizenship>1101</CountryOfCitizenship>
    </CountriesOfCitizenship>
    <CountriesOfResidency>
      <CountryOfResidency>8104</CountryOfResidency>
      <CountryOfResidency>1101</CountryOfResidency>
    </CountriesOfResidency>
    <CountryArrivalDate>1990-09-26</CountryArrivalDate>
    <AustralianCitizenshipStatus>1</AustralianCitizenshipStatus>
    <EnglishProficiency>
      <Code>1</Code>
    </EnglishProficiency>
    <LanguageList>
      <Language>
        <Code>0001</Code>
        <LanguageType>1</LanguageType>
      </Language>
    </LanguageList>
    <DwellingArrangement>
      <Code>1671</Code>
    </DwellingArrangement>
    <Religion>
      <Code>2013</Code>
    </Religion>
    <ReligiousEventList>
      <ReligiousEvent>
        <Type>Baptism</Type>
        <Date>2000-09-01</Date>
      </ReligiousEvent>
      <ReligiousEvent>
        <Type>Christmas</Type>
        <Date>2009-12-24</Date>
      </ReligiousEvent>
    </ReligiousEventList>
    <ReligiousRegion>The Religion Region</ReligiousRegion>
    <PermanentResident>P</PermanentResident>
    <VisaSubClass>101</VisaSubClass>
    <VisaStatisticalCode>05</VisaStatisticalCode>
  </Demographics>
  <AddressList>
    <Address Type="0123" Role="2382">
      <Street>
        <Line1>Unit1/10</Line1>
        <Line2>Barkley Street</Line2>
      </Street>
      <City>Yarra Glenn</City>
      <StateProvince>VIC</StateProvince>
      <Country>1101</Country>
      <PostalCode>9999</PostalCode>
    </Address>
    <Address Type="0123A" Role="013A">
      <Street>
        <Line1>34 Term Address Street</Line1>
      </Street>
      <City>Home Town</City>
      <StateProvince>WA</StateProvince>
      <Country>1101</Country>
      <PostalCode>9999</PostalCode>
    </Address>
  </AddressList>
  <PhoneNumberList>
    <PhoneNumber Type="0096">
      <Number>03 9637-2289</Number>
      <Extension>72289</Extension>
      <ListedStatus>Y</ListedStatus>
    </PhoneNumber>
    <PhoneNumber Type="0888">
      <Number>0437-765-234</Number>
      <ListedStatus>N</ListedStatus>
    </PhoneNumber>
  </PhoneNumberList>
  <EmailList>
    <Email Type="01">fsmith@yahoo.com</Email>
    <Email Type="02">freddy@gmail.com</Email>
  </EmailList>
</PersonInfo>

```

Example A.126-1: PersonInfo Example

A.127 PhoneNumberListType

Lists phone numbers associated with an entity.



Figure A.127-1: PhoneNumberListType

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
PhoneNumberListType		Lists phone numbers associated with an entity.	List
PhoneNumber	MR		PhoneNumberType

Table A.127-1: PhoneNumberListType

```
<PhoneNumberList>
  <PhoneNumber Type="0096">
    <Number>(03) 9543 2000</Number>
  </PhoneNumber>
</PhoneNumberList>
```

Example A.127-1: PhoneNumberListType

A.128 PhoneNumberType

This element represents a phone number and occurs within objects such as StudentPersonal, StaffPersonal, etc.

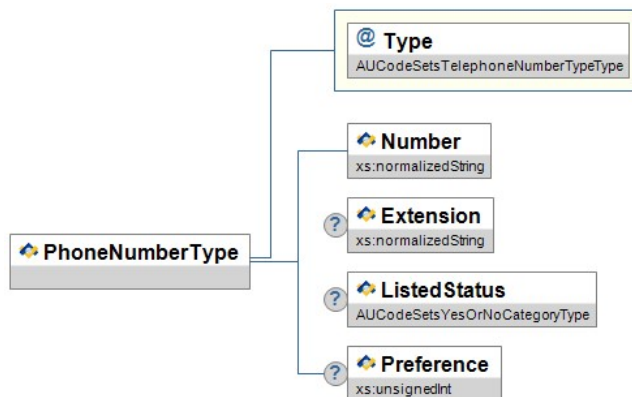


Figure A.128-1: PhoneNumberType

Element/@Attribute	Char	Description	Type
PhoneNumberType		This element represents a phone number and occurs within objects such as StudentPersonal, StaffPersonal, etc.	
@Type	M	Code that specifies what type of phone number this is. Note: A subset of valid values may be specified in data objects.	AUCodeSetsTelephoneNumberType
Number	M	Phone number. Free-form, but typical Australian formats include: <ul style="list-style-type: none"> • (###) ####-#### • #####-#### • +##### ### ### 	xs:normalizedString
Extension	O	Phone number extension.	xs:normalizedString
ListedStatus	O	Indicates whether or not the phone number is available to the public.	AUCodeSetsYesOrNoCategoryType
Preference	O	Preference number indicating an order in which phone numbers should be used when contacting person.	xs:unsignedInt

Table A.128-1: PhoneNumberType

```
<PhoneNumber Type="0096">
  <Number>(03) 9543 2000</Number>
  <Extension>245</Extension>
</PhoneNumber>
```

Example A.128-1: PhoneNumberType

A.129 PlausibleScaledValueListType



Figure A.129-1: PlausibleScaledValueListType

Element/@Attribute	Char	Description	Type
PlausibleScaledValueListType	M		List
PlausibleScaledValue	MR	Plausible values used for reporting to determine cut points, there are 5 per student per domain.	xs:decimal

Table A.129-1: PlausibleScaledValueListType

A.130 PNPCCodeListType

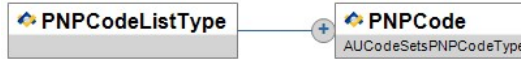


Figure A.130-1: PNPCCodeListType

Element/@Attribute	Char	Description	Type
PNPCCodeListType	O		List
PNPCCode	MR	Personal Needs and Preferences Code(s) applied to the domain.	AUCodeSetsPNPCCodeType

Table A.130-1: PNPCCodeListType

A.131 PrerequisitesType

Skills or competencies the student must have to engage in activity.



Figure A.131-1: PrerequisitesType

Element/@Attribute	Char	Description	Type
PrerequisitesType	O	Skills or competencies the student must have to engage in activity.	List
Prerequisite	OR	Skill or competency the student must have to engage in activity.	xs:string

Table A.131-1: PrerequisitesType

A.132 PrincipalInfoType

Information about the campus or school principal.

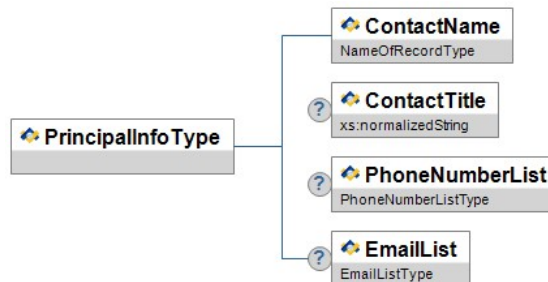


Figure A.132-1: PrincipalInfoType

Element/@Attribute	Char	Description	Type
PrincipalInfoType	O	Information about the campus or school principal.	
ContactName	M	The name of the principal.	NameOfRecordType

Element/@Attribute	Char	Description	Type
ContactTitle	O	The principal's title.	xs:normalizedString
PhoneNumberList	O	The principal's phone number(s).	PhoneNumberListType
EmailList	O	The principal's e-mail address(es).	EmailListType

Table A.132-1: *PrincipalInfoType*

```

<PrincipalInfo>
  <ContactName Type="LGL">
    <Title>Mr</Title>
    <FamilyName>Miller</FamilyName>
    <GivenName>James</GivenName>
    <MiddleName>Frank</MiddleName>
    <Suffix>Jr.</Suffix>
    <FullName>Mr James Frank Miller Jr.</FullName>
  </ContactName>
  <ContactTitle>School Principal</ContactTitle>
  <PhoneNumberList>
    <PhoneNumber Type="0096">
      <Number>03 9637-2000</Number>
      <Extension>72345</Extension>
      <ListedStatus>Y</ListedStatus>
    </PhoneNumber>
  </PhoneNumberList>
  <EmailList>
    <Email Type="01">jmiller@isc.vic.edu.au</Email>
    <Email Type="02">jmiller@yahoo.com.au</Email>
  </EmailList>
</PrincipalInfo>

```

Example A.132-1: *PrincipalInfoType*

A.133 ProgramAvailabilityType

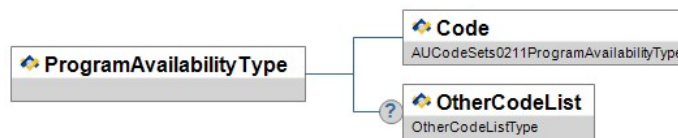


Figure A.133-1: *ProgramAvailabilityType*

Element/@Attribute	Char	Description	Type
ProgramAvailabilityType	O		
Code	M	Describes the availability of the program.	AUCodeSets0211ProgramAvailabilityType
OtherCodeList	O		OtherCodeListType

Table A.133-1: *ProgramAvailabilityType*

A.134 ProgramFundingSourcesType

List of funding sources



Figure A.134-1: *ProgramFundingSourcesType*

Element/@Attribute	Char	Description	Type
ProgramFundingSourcesType	O	List of funding sources	List
ProgramFundingSource	MR	Funding source of the special program	ProgramFundingSourceType

Table A.134-1: *ProgramFundingSourcesType*

A.135 ProgramFundingSourceType

Funding source of the special program

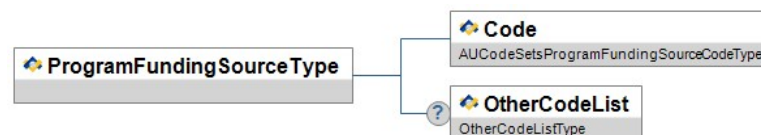


Figure A.135-1: *ProgramFundingSourceType*

Element/@Attribute	Char	Description	Type
ProgramFundingSourceType	MR	Funding source of the special program	
Code	M	Funding source for the program, may be more than one.	AUCodesSetsProgramFundingSourceCodeType
OtherCodeList	O		OtherCodeListType

Table A.135-1: ProgramFundingSourceType

A.136 ProgramStatusType

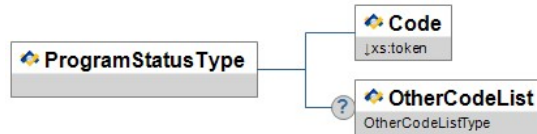


Figure A.136-1: ProgramStatusType

Element/@Attribute	Char	Description	Type
ProgramStatusType			
Code	M	The current status of the student's program participation.	values: S001 Referred S002 Eligible S003 Not Eligible S004 Active S005 Exited S006 Withdrew/refused 9999 Other
OtherCodeList	O		OtherCodeListType

Table A.136-1: ProgramStatusType

```

<ProgramStatus>
  <Code>S004</Code>
</ProgramStatus>
  
```

Example A.136-1: ProgramStatusType

A.137 ProjectedGraduationYearType

Currently projected graduation year.

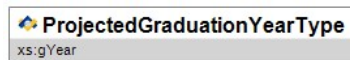


Figure A.137-1: ProjectedGraduationYearType

Element/@Attribute	Char	Description	Type
ProjectedGraduationYearType		Currently projected graduation year (CCYY).	xs:gYear

Table A.137-1: ProjectedGraduationYearType

```

<ProjectedGraduationYear>2006</ProjectedGraduationYear>
  
```

Example A.137-1: ProjectedGraduationYearType

A.138 PromotionInfoType

Information on a student's promotion, retention, or demotion related to this enrollment instance.



Figure A.138-1: PromotionInfoType

Element/@Attribute	Char	Description	Type
PromotionInfoType	O	Information on a student's promotion, retention, or demotion related to this enrollment instance.	

Element/@Attribute	Char	Description	Type
PromotionStatus	O	This value should be set if this enrollment instance is closed for an end-of-year closeout or a mid-year promotion or demotion. A value other than NA should be specified when the enrollment instance represents an end-of-year closeout or mid-year promotion/demotion.	values: Promoted Demoted Retained NA

Table A.138-1: PromotionInfoType

A.139 PublishInDirectoryType

This is a common element used to specify whether or not information (e.g., contact information) should be published in a directory.



Figure A.139-1: PublishInDirectoryType

Element/@Attribute	Char	Description	Type
PublishInDirectoryType		Indicates whether or not information should be published in a directory.	AUCodeSetsYesOrNoCategoryType

Table A.139-1: PublishInDirectoryType

```
<PublishInDirectory>Y</PublishInDirectory>
```

Example A.139-1: PublishInDirectoryType

A.140 PurchasingItemsType

Listing of line items from original purchase order. Included to indicate any variation between the items, item cost, or item quantity ordered, and what has been delivered.



Figure A.140-1: PurchasingItemsType

Element/@Attribute	Char	Description	Type
PurchasingItemsType	O	Listing of line items from original purchase order. Included to indicate any variation between the items, item cost, or item quantity ordered, and what has been delivered.	List
PurchasingItem	MR	Contains information about the item delivered.	PurchasingItemType

Table A.140-1: PurchasingItemsType

A.141 PurchasingItemType

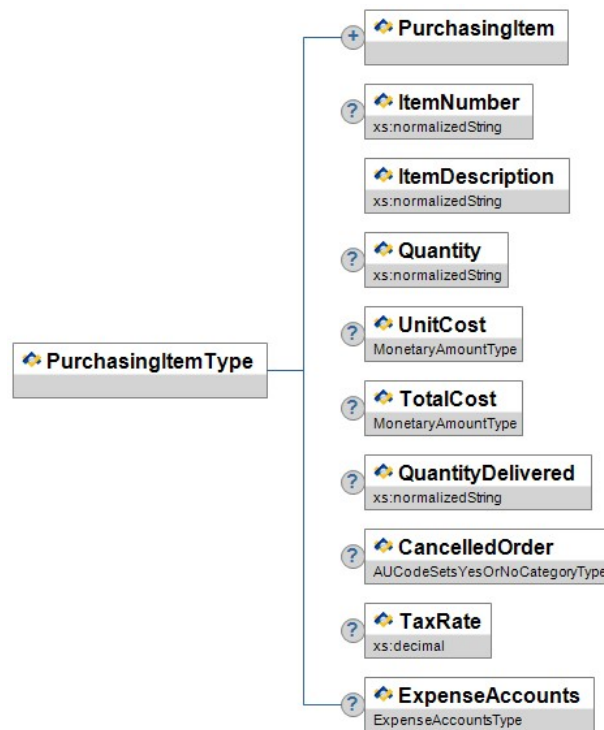


Figure A.141-1: PurchasingItemType

Element/@Attribute	Char	Description	Type
PurchasingItem	MR	Contains information about the item delivered.	
ItemNumber	O	Vendor item number.	xs:normalizedString
ItemDescription	M	Description of the item.	xs:normalizedString
Quantity	O	Quantity delivered.	xs:normalizedString
UnitCost	O	Unit cost of the item.	MonetaryAmountType
TotalCost	O	Total cost of the item.	MonetaryAmountType
QuantityDelivered	O	Quantity delivered to date.	xs:normalizedString
CancelledOrder	O	Indicates that the line item in the purchase order is a cancellation of a previous order, to prevent it from remaining outstanding. For example, if 10 widgets have been ordered, and only 7 widgets have been delivered, a new purchase order can be issued for 3 widgets; enabling this flag indicates that the order for the remaining 3 widgets is to be cancelled.	AUCodeSetsYesOrNoCategoryType
TaxRate	O	Rate of tax included in the billed amount for the item.	xs:decimal
ExpenseAccounts	O		ExpenseAccountsType

Table A.141-1: PurchasingItemType

A.142 RecognitionListType

List of awards and other types of recognition given to the student for this activity.



Figure A.142-1: RecognitionListType

Element/@Attribute	Char	Description	Type
RecognitionListType	O	List of awards and other types of recognition given to the student for this activity.	List
Recognition	MR	The nature of recognition given to the student for the successful completion of work in a co-curricular or extra-curricular activity.	xs:normalizedString

Table A.142-1: RecognitionListType

A.143 ReferralSourceType

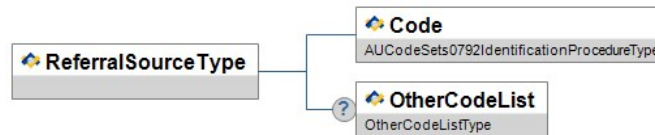


Figure A.143-1: ReferralSourceType

Element/@Attribute	Char	Description	Type
ReferralSourceType	O		
Code	M	The method by which a student was identified for referral to a particular program.	AUCodeSets0792IdentificationProcedureType
OtherCodeList	O		OtherCodeListType

Table A.143-1: ReferralSourceType

A.144 RefIdType

An object or element identifier.



Figure A.144-1: RefIdType

Element/@Attribute	Char	Description	Type
RefIdType		An object or element identifier.	GUIDType

Table A.144-1: RefIdType

A.145 RelationshipType

Code that defines the relationship of one person to another.

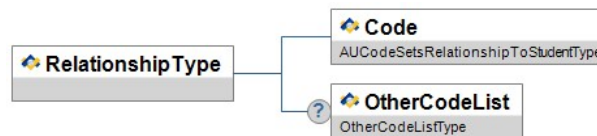


Figure A.145-1: RelationshipType

Element/@Attribute	Char	Description	Type
RelationshipType		Code that defines the relationship of one person to another.	
Code	M	Code representing the relationship.	AUCodeSetsRelationshipToStudentType
OtherCodeList	O		OtherCodeListType

Table A.145-1: RelationshipType

```

<Relationship>
  <Code>01</Code>
</Relationship>
  
```

A.146 ReligionType

Type of Religion if any



Figure A.146-1: ReligionType

Element/@Attribute	Char	Description	Type
ReligionType	O	Type of Religion if any	
Code	M	Religion Code	AUCodeSetsAustralianStandardClassificationOfReligiousGroupsASCRGType
OtherCodeList	O		OtherCodeListType

Table A.146-1: ReligionType

A.147 ReligiousEventListType

List of Religious events



Figure A.147-1: ReligiousEventListType

Element/@Attribute	Char	Description	Type
ReligiousEventListType	O	List of Religious events	List
ReligiousEvent	OR		ReligiousEventType

Table A.147-1: ReligiousEventListType

A.148 ReligiousEventType

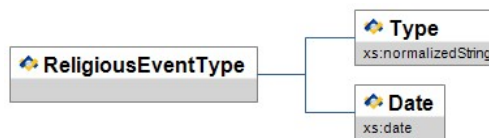


Figure A.148-1: ReligiousEventType

Element/@Attribute	Char	Description	Type
ReligiousEventType	OR		
Type	M	Religious Event - Currently Free Text	xs:normalizedString
Date	M	Date of Religious Event	xs:date

Table A.148-1: ReligiousEventType

A.149 ReportDataObjectType

A SIF XML object.



Figure A.149-1: ReportDataObjectType

Element/@Attribute	Char	Description	Type
ReportDataObjectType		A SIF XML object.	<pre><xs:sequence> <xs:any processContents="lax" minOccurs="0" maxOccurs="unbounded" /> </xs:sequence></pre>

Table A.149-1: ReportDataObjectType

A.150 ReportPackageType

This package has exactly the same structure as AbstractContentPackageType. ReportPackage can be used in addition to SIF objects specifically in reporting situations within SIF_ReportObject. At this time, it is not a SIF object. It cannot be requested via SIF_Query or SIF_ExtendedQuery in a ReportManifest. It may be included in SIF_ReportObject as part of an external report definition.



Figure A.150-1: ReportPackageType

Element/@Attribute	Char	Description	Type
ReportPackageType		This package has exactly the same structure as AbstractContentPackageType. ReportPackage can be used in addition to SIF objects specifically in reporting situations within SIF_ReportObject. At this time, it is not a SIF object. It cannot be requested via SIF_Query or SIF_ExtendedQuery in a ReportManifest. It may be included in SIF_ReportObject as part of an external report definition.	AbstractContentPackageType

Table A.150-1: ReportPackageType

A.151 ResourcesType

A GUID reference to a SIF LearningResource object that supports this activity

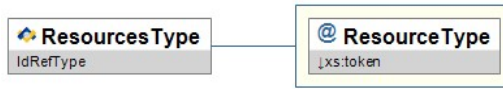


Figure A.151-1: ResourcesType

Element/@Attribute	Char	Description	Type
ResourcesType	OR	A GUID reference to a SIF LearningResource object that supports this activity	IdRefType
@ResourceType	M	Type of Resource.	values: LearningResource WorkSample AnnotatedWorkSample Other

Table A.151-1: ResourcesType

A.152 RoomListType

List of rooms in which the scheduled activity is held. Used for onsite venues which are represented in the source system as rooms. Can include large venues (ovals, library, etc), if they have been represented as rooms; source system practice varies.



Figure A.152-1: RoomListType

Element/@Attribute	Char	Description	Type
RoomListType	O	List of rooms in which the scheduled activity is held. Used for onsite venues which are represented in the source system as rooms. Can include large venues (ovals, library, etc), if they have been represented as rooms; source system practice varies.	List
RoomInfoRefId	MR	The Id (GUID) of the Room in which the scheduled activity is held.	IdRefType

Table A.152-1: RoomListType

A.153 ScheduledActivityOverrideType

This flag should be used to indicate whether or not this ScheduledActivity overrides a previous ScheduledActivity. In any initial provisioning this element should NOT be provided.

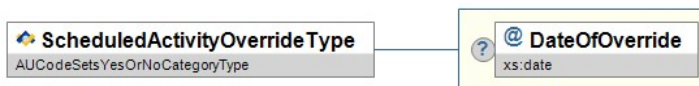


Figure A.153-1: ScheduledActivityOverrideType

Element/@Attribute	Char	Description	Type
ScheduledActivityOverrideType	O	This flag should be used to indicate whether or not this ScheduledActivity overrides a previous ScheduledActivity. In any initial provisioning this element should NOT be provided.	AUCodeSetsYesOrNoCategoryType
@DateOfOverride	C	The date needs to be provided if Override=Yes.	xs:date

Table A.153-1: ScheduledActivityOverrideType

A.154 ScheduledTeacherListType

A listing of the teachers assigned to the activity, and the type of supervision they are credited with. If no teachers are listed, the activity is assumed to be unsupervised.



Figure A.154-1: ScheduledTeacherListType

Element/@Attribute	Char	Description	Type
ScheduledTeacherListType	O	A listing of the teachers assigned to the activity, and the type of supervision they are credited with. If no teachers are listed, the activity is assumed to be unsupervised.	List
TeacherCover	MR	Substructure to allow representing instances where teachers only take subsets of an event. Most typically, this occurs with exam supervision, where each teacher gets a 1-period duty. It also happens with schools with e.g. 4 long periods per day: a period of 1hr20mins can be split into 2 halves of 40 minutes each.	TeacherCoverType

Table A.154-1: ScheduledTeacherListType

A.155 SchoolContactListType

A list of contact persons associated with a school.



Figure A.155-1: SchoolContactListType

Element/@Attribute	Char	Description	Type
SchoolContactListType		A list of contact persons associated with a school.	List
SchoolContact	MR	Information on contact persons for this school.	SchoolContactType

Table A.155-1: SchoolContactListType

```

<SchoolContactList>
<SchoolContact>
<PublishInDirectory>Y</PublishInDirectory>
<ContactInfo>
  <Name Type="LGL">
    <FamilyName>Woodall</FamilyName>
    <GivenName>Charles</GivenName>
    <MiddleName>William</MiddleName>
  </Name>
  <PositionTitle>Superintendent</PositionTitle>
  <EmailList>
    <Email Type="01">drseuss@whoville.k12.state.us</Email>
  </EmailList>
  <PhoneNumberList>
    <PhoneNumber Type="0096">
      <Number>(08) 8555-0102</Number>
    </PhoneNumber>
  </PhoneNumberList>
</ContactInfo>
</SchoolContact>
</SchoolContactList>

```

Example A.155-1: SchoolContactListType

A.156 SchoolContactType

Information on contact persons for this school.

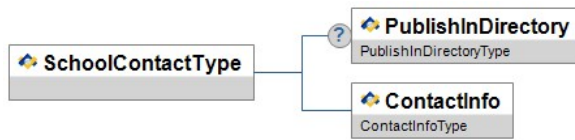


Figure A.156-1: SchoolContactType

Element/@Attribute	Char	Description	Type
SchoolContactType	MR	Information on contact persons for this school.	
PublishInDirectory	O	Indicates whether or not this school contact's information should be published in a directory of school information.	PublishInDirectoryType
ContactInfo	M		ContactInfoType

Table A.156-1: SchoolContactType

A.157 SchoolCourseInfoOverrideType

Optional overrides of the course information for this section.

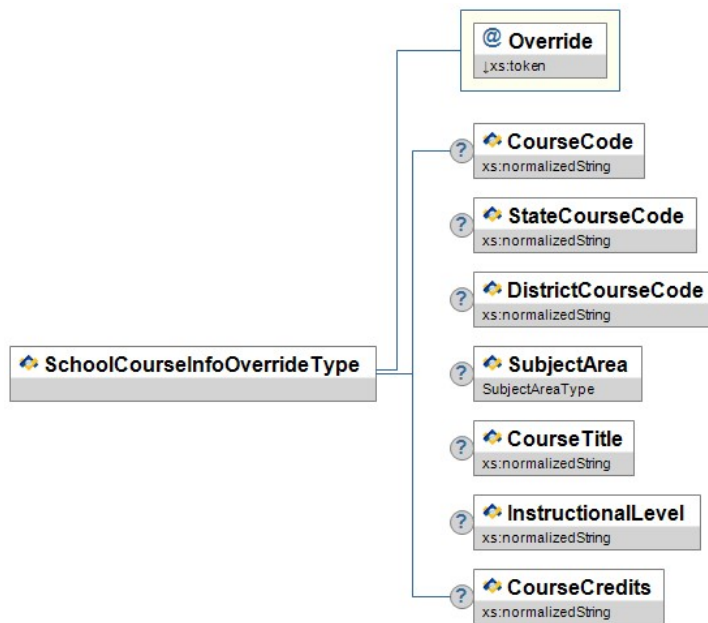


Figure A.157-1: SchoolCourseInfoOverrideType

Element/@Attribute	Char	Description	Type
SchoolCourseInfoOverrideType	O	Optional overrides of the course information for this section.	

Element/@Attribute	Char	Description	Type
@Override	M	Designates whether or not SchoolCourseInfo information has been overridden with different values for this section.	values: Yes No
CourseCode	O	Override of the school-defined course code for this section.	xs:normalizedString
StateCourseCode	O	Override of the state-defined course code for this section.	xs:normalizedString
DistrictCourseCode	O	Override of the district course code for this section.	xs:normalizedString
SubjectArea	O	Override of the subject matter area for this section.	SubjectAreaType
CourseTitle	O	Override of the course title for this section.	xs:normalizedString
InstructionalLevel	O	Override of the instructional level for this section.	xs:normalizedString
CourseCredits	O	Override of the course credits for this section.	xs:normalizedString

Table A.157-1: SchoolCourseInfoOverrideType

A.158 SchoolFocusListType

List containing the education focus codes of the campus/school.



Figure A.158-1: SchoolFocusListType

Element/@Attribute	Char	Description	Type
SchoolFocusListType	O	List containing the education focus codes of the campus/school.	List
SchoolFocus	MR	The type of educational institution as classified by its focus.	AUCodeSetsSchoolFocusCodeType

Table A.158-1: SchoolFocusListType

A.159 SchoolGroupListType



Figure A.159-1: SchoolGroupListType

Element/@Attribute	Char	Description	Type
SchoolGroupListType	O		List
SchoolGroup	MR	Repeatable element containing a local identifier to identify a loosely connected group of schools. eg. YarraValley Cluster	LocalIdType

Table A.159-1: SchoolGroupListType

A.160 SchoolProgramListType

List of School Programs



Figure A.160-1: SchoolProgramListType

Element/@Attribute	Char	Description	Type
SchoolProgramListType	O	List of School Programs	List
Program	OR		SchoolProgramType

Table A.160-1: SchoolProgramListType

A.161 SchoolProgramType

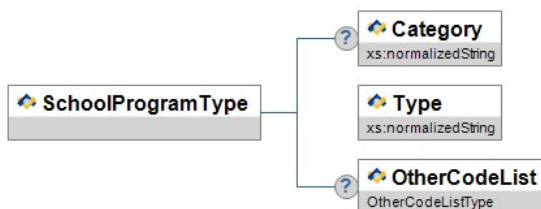


Figure A.161-1: SchoolProgramType

Element/@Attribute	Char	Description	Type
SchoolProgramType	OR		
Category	O	Program Category	xs:normalizedString
Type	M	Program Type	xs:normalizedString
OtherCodeList	O		OtherCodeListType

Table A.161-1: SchoolProgramType

A.162 SchoolURLType

URL for a school.



Figure A.162-1: SchoolURLType

Element/@Attribute	Char	Description	Type
SchoolURLType		URL for a school.	xs:anyURI

Table A.162-1: SchoolURLType

<SchoolURL>http://www.lincolnhs.edu/</SchoolURL>

Example A.162-1: SchoolURLType

A.163 SchoolYearType

Common element used to designate the academic school year to which an object relates.

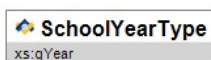


Figure A.163-1: SchoolYearType

Element/@Attribute	Char	Description	Type
SchoolYearType		School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2009").	xs:gYear

Table A.163-1: SchoolYearType

<SchoolYear>2005</SchoolYear>

Example A.163-1: SchoolYearType

A.164 ScoreDescriptionListType



Figure A.164-1: ScoreDescriptionListType

Element/@Attribute	Char	Description	Type
ScoreDescriptionListType	O		List
ScoreDescription	MR		ScoreDescriptionType

Table A.164-1: ScoreDescriptionListType

A.165 ScoreDescriptionType

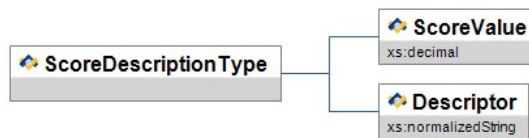


Figure A.165-1: ScoreDescriptionType

Element/@Attribute	Char	Description	Type
ScoreDescriptionType	MR		
ScoreValue	M	Score point: Individual maximum score value that a student can achieve under the current rubric.	xs:decimal
Descriptor	M	Descriptor of Writing Rubric	xs:normalizedString

Table A.165-1: ScoreDescriptionType

A.166 ScoreListType



Figure A.166-1: ScoreListType

Element/@Attribute	Char	Description	Type
ScoreListType	O		List
Score	MR		ScoreType

Table A.166-1: ScoreListType

A.167 ScoreType

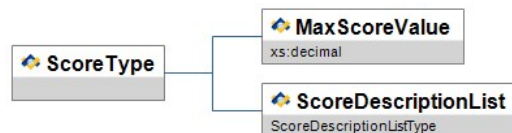


Figure A.167-1: ScoreType

Element/@Attribute	Char	Description	Type
ScoreType	MR		

Element/@Attribute	Char	Description	Type
MaxScoreValue	M	Total maximum score value that a student can achieve under the current rubric.	xs:decimal
ScoreDescriptionList	M		ScoreDescriptionListType

Table A.167-1: ScoreType

A.168 SelectedContentType

Allows an XML fragment selected from an object to be used in an element with XML validation skipped.



Figure A.168-1: SelectedContentType

Element/@Attribute	Char	Description	Type
SelectedContentType		Allows an XML fragment selected from an object to be used in an element with XML validation skipped.	<pre><xs:complexContent mixed="true"> <xs:restriction base="xs:anyType"> <xs:sequence> <xs:any processContents="skip" minOccurs="0" maxOccurs="unbounded" /> </xs:sequence> </xs:restriction> </xs:complexContent></pre>

Table A.168-1: SelectedContentType

A.169 ServiceNameType

An unenumerated SIF object name.



Figure A.169-1: ServiceNameType

Element/@Attribute	Char	Description	Type
ServiceNameType		An unenumerated SIF object name.	xs:NCName

Table A.169-1: ServiceNameType

A.170 SIF_ExtendedElementsType

This element is supported at the end of all SIF objects. The element is used to extend existing SIF objects with locally-defined elements. Extended elements **SHOULD NOT** be used to duplicate data that can be obtained from other SIF objects.



Figure A.170-1: SIF_ExtendedElementsType

Element/@Attribute	Char	Description	Type
SIF_ExtendedElementsType		Allows an agent to include data not yet defined within a SIF data object as name/value pairs.	List
SIF_ExtendedElement	OR	A name/value pair, the name being contained in the Name attribute, the value being the element content.	ExtendedContentType
@ Name	M	The name of the extended element. As it is possible that names for extended elements may collide from agent to agent, it is recommended that the names of extended elements be configurable in an agent, or that agents use URIs for the names of extended elements.	xs:normalizedString
@ xsi:type	O	Allows type of element to be explicitly communicated.	
@ SIF_Action	O	In a change event, this flag can be used to indicate an element has been deleted from the parent list container. At a minimum the key for the list must also be present.	values: Delete

Table A.170-1: SIF_ExtendedElementsType

```

<SIF_ExtendedElements>
  <SIF_ExtendedElement Name="ApplicationSubmissionStatus">4</SIF_ExtendedElement>
  <SIF_ExtendedElement Name="DynamicXml">
    <Parent xmlns="http://myapplication.com">
      <Child n="1">one</Child>
      <Child n="2" />
      <Child n="3">three</Child>
    </Parent>
  </SIF_ExtendedElement>
  <SIF_ExtendedElement Name="Note">
    <xhtml:strong xmlns:xhtml="http://www.w3.org/1999/xhtml">Double</xhtml:strong>-check submission status.
  </SIF_ExtendedElement>
</SIF_ExtendedElements>

```

Example A.170-1: SIF_ExtendedElementsType

A.171 SIF_MetadataType

Metadata is commonly referred to as data about data and includes information such as author, grade level, or keywords relating to a learning object, as examples. Metadata can be used to structure and contain any of this kind of information in a consistent manner. In the context of SIF, SIF_Metadata provides a consistent structure to appropriate SIF objects for the purpose of cataloging and object discovery, as well as other metadata functions and purposes. One recurring use case within the SIF data model is the requirement for some form of temporal constraints and tagging on objects (see TimeElement). Other metadata elements are based on needs brought to the Data Model Task Force.

IMPORTANT NOTE ON PERSISTENCE

This data is not designed to be permanent. It is designed to frame an object instance and could dissolve as soon as it leaves the SIF framework for the application space. A data warehouse could be used to store metadata for later tracking.

IMPORTANT NOTE ON USAGE

Any usage of metadata is optional unless made a requirement within individual SIF objects, or if a SIF or local profile or zone installation mandates it. SIF_Metadata allows for the usage of metadata in agents and applications that choose to support it.

This element is designed to operate much like SIF_ExtendedElements. It is an approved common element that is part of any data object.

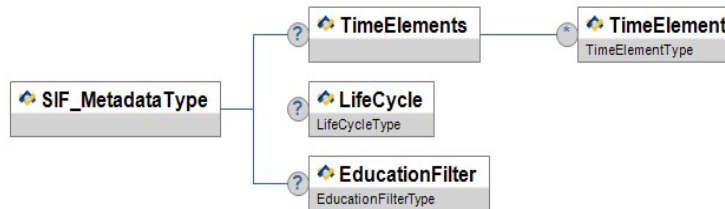


Figure A.171-1: SIF_MetadataType

Element/@Attribute	Char	Description	Type
SIF_MetadataType		A commonly defined container for metadata elements defined within SIF.	
TimeElements	O		List
TimeElements/TimeElement	OR		TimeElementType
LifeCycle	O		LifeCycleType
EducationFilter	O		EducationFilterType

Table A.171-1: SIF_MetadataType

A.172 SoftwareRequirementListType

Contains information about required software.



Figure A.172-1: SoftwareRequirementListType

Element/@Attribute	Char	Description	Type
SoftwareRequirementListType	O	Contains information about required software.	List
SoftwareRequirement	OR	Contains information about a specific required piece of software.	SoftwareRequirementType

Table A.172-1: SoftwareRequirementListType

A.173 SoftwareRequirementType

Contains information about a specific required piece of software.

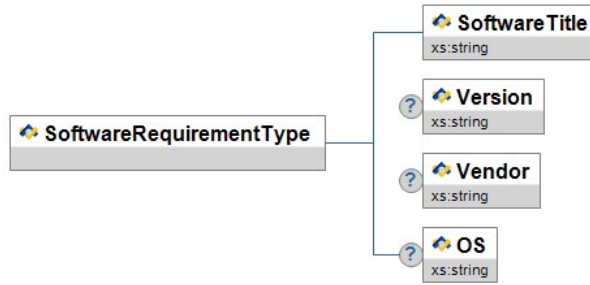


Figure A.173-1: SoftwareRequirementType

Element/@Attribute	Char	Description	Type
SoftwareRequirementType	OR	Contains information about a specific required piece of software.	
SoftwareTitle	M	This is the title of the specific software. This does not include the vendor. For example, Flash not Adobe.	xs:string
Version	O	This includes the version of the specific software.	xs:string
Vendor	O	This is the vendor of the specific software. For example, Adobe.	xs:string
OS	O	This is the operating system and version. For example, Macintosh OS X 1.4.	xs:string

Table A.173-1: SoftwareRequirementType

A.174 SourceObjectsType

Source objects assigned to students.



Figure A.174-1: SourceObjectsType

Element/@Attribute	Char	Description	Type
SourceObjectsType	O	Source objects assigned to students.	list
SourceObject	OR	GUID assigned to the source object.	IdRefType
@SIF_RefObject	M	The type of learning object the source object is.	values: Assessment LearningResource Activity Lesson

Table A.174-1: SourceObjectsType

A.175 StaffActivityExtensionType

The purpose of the Teacher's role as related to students. Equivalent to 'JobFunction' in US Object.

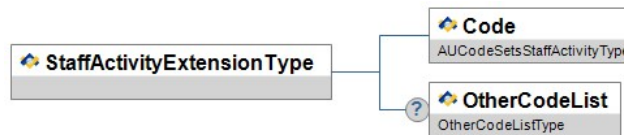


Figure A.175-1: StaffActivityExtensionType

Element/@Attribute	Char	Description	Type
StaffActivityExtensionType	O	The purpose of the Teacher's role as related to students. Equivalent to 'JobFunction' in US Object.	

Element/@Attribute	Char	Description	Type
Code	M	Code representing the type of staff activity undertaken.	AUCodeSetsStaffActivityType
OtherCodeList	O		OtherCodeListType

Table A.175-1: StaffActivityExtensionType

A.176 StaffListType



Figure A.176-1: StaffListType

Element/@Attribute	Char	Description	Type
StaffListType	O		List
StaffPersonalRefId	MR	GUID that identifies the staff person assigned to this room (e.g. the homeroom teacher).	IdRefType

Table A.176-1: StaffListType

A.177 StaffMostRecentContainerType

Container for elements reflecting the most recent assignment of a staff member. If the staff member is currently assigned, the elements contain current information.

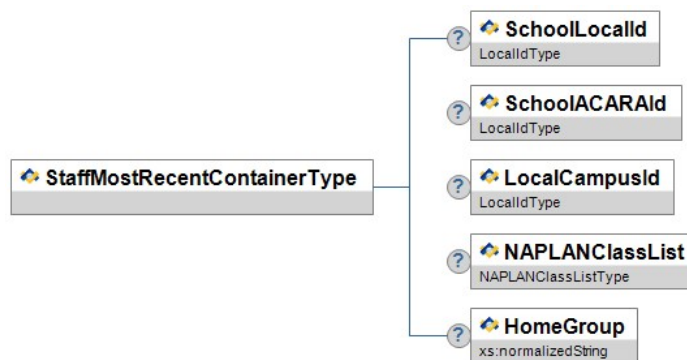


Figure A.177-1: StaffMostRecentContainerType

Element/@Attribute	Char	Description	Type
StaffMostRecentContainerType	O	Container for elements reflecting the most recent assignment of a staff member. If the staff member is currently assigned, the elements contain current information.	
SchoolLocalId	O	Local identifier representing the school in which the staff is or was most recently teaching in.	LocalIdType
SchoolACARAId	O	Identifier of the school in which the staff member is or was most recently assigned, as listed in the Australian School List.	LocalIdType
LocalCampusId	O	Local identifier for a specific campus Id. This may be the same as the school local Id, but is expected to be supplied only if the school does in fact have distinct campuses.	LocalIdType
NAPLANClassList	O	Container for a list of classes a teacher may be responsible for with regard to NAPLAN only.	NAPLANClassListType
HomeGroup	O	The current home group (if any) that the staff member is responsible for.	xs:normalizedString

Table A.177-1: StaffMostRecentContainerType

A.178 StaffSubjectListType

Subject(s) Staff member is eligible to teach.



Figure A.178-1: StaffSubjectListType

Element/@Attribute	Char	Description	Type
StaffSubjectListType	O	Subject(s) Staff member is eligible to teach.	List
StaffSubject	MR	This element contains Staff subjects they are eligible to teach together with the teaching preference.	StaffSubjectType

Table A.178-1: StaffSubjectListType

A.179 StaffSubjectType

This element contains Staff subjects they are eligible to teach together with the teaching preference.

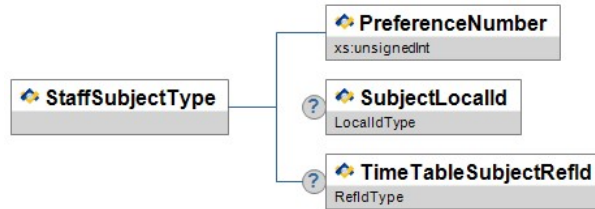


Figure A.179-1: StaffSubjectType

Element/@Attribute	Char	Description	Type
StaffSubjectType	MR	This element contains Staff subjects they are eligible to teach together with the teaching preference.	
PreferenceNumber	M	Priority of Subject to Teach.	xs:unsignedInt
SubjectLocalId	O	Local Subject Id	LocalIdType
TimeTableSubjectRefId	O	RefId of TimeTableSubject	RefIdType

Table A.179-1: StaffSubjectType

A.180 StatementCodesType



Figure A.180-1: StatementCodesType

Element/@Attribute	Char	Description	Type
StatementCodesType	O		List
StatementCode	OR	An alphanumeric Id code as defined by the organization to identify the statement.	xs:token

Table A.180-1: StatementCodesType

A.181 StatementsType



Figure A.181-1: StatementsType

Element/@Attribute	Char	Description	Type
StatementsType	O		List

Element/@Attribute	Char	Description	Type
Statement	MR	The text of the "outcome", "standard", or other element within the structured curriculum document	xs:string

Table A.181-1: StatementsType

A.182 StateProvinceIdType

This is a common element used to define the state or province assigned identifier associated with an entity.



Figure A.182-1: StateProvinceIdType

Element/@Attribute	Char	Description	Type
StateProvinceIdType		The identifier for this entity as assigned by the state or province.	xs:normalizedString

Table A.182-1: StateProvinceIdType

```
<StateProvinceId>L65432765</StateProvinceId>
```

Example A.182-1: StateProvinceId Example

A.183 StateProvinceType

A state or province code. Note: When dealing with countries other than Australia, state/province codes/values other than those referenced here can be used.



Figure A.183-1: StateProvinceType

Element/@Attribute	Char	Description	Type
StateProvinceType		A state or province code. Note: When dealing with countries other than Australia, state/province codes/values other than those referenced here can be used.	union of: AUCodeSets StateTerritoryCodeType xs:token

Table A.183-1: StateProvinceType

```
<StateProvince>ACT</StateProvince>
```

Example A.183-1: StateProvinceType

A.184 StatisticalAreasType

A list of Statistical Areas associated with an address that will be referenced back to ABS 1270. Only applicable to a physical address, e.g. not relevant for a Post Office Box.



Figure A.184-1: StatisticalAreasType

Element/@Attribute	Char	Description	Type
StatisticalAreasType	O	A list of Statistical Areas associated with an address that will be referenced back to ABS 1270. Only applicable to a physical address, e.g. not relevant for a Post Office Box.	List
StatisticalArea	OR	The Australian Standard Geographical Classification (ASGC) has now been replaced with the Australian Statistical Geography Standard (ASGS). The level and method that this is collected would need to be discussed as the lowest level is now a lot lower than the previous classification to allow for more accurate data analysis and reporting. There are different levels of spatial unit references by this code set and a MeshBlock refers to the lowest level of this classification. The spatial unit should be validated against the correct classification which is being elaborated upon. The referenced levels are coded in these volumes of ABS 1270 1270.0.55.001 - Australian Statistical Geography Standard (ASGS): Volume 1 - Main Structure and Greater Capital City Statistical Areas, July 2011 1270.0.55.002 - Australian Statistical Geography Standard (ASGS): Volume 2 - Indigenous Structure, July 2011 1270.0.55.003 - Australian Statistical Geography Standard (ASGS): Volume 3 - Non ABS Structures, July, 2012	StatisticalAreaType

Table A.184-1: StatisticalAreaType

A.185 StatisticalAreaType

The Australian Standard Geographical Classification (ASGC) has now been replaced with the Australian Statistical Geography Standard (ASGS). The level and method that this is collected would need to be discussed as the lowest level is now a lot lower than the previous classification to allow for more accurate data analysis and reporting. There are different levels of spatial unit references by this code set and a MeshBlock refers to the lowest level of this classification. The spatial unit should be validated against the correct classification which is being elaborated upon. The referenced levels are coded in these volumes of ABS 1270

1270.0.55.001 - Australian Statistical Geography Standard (ASGS): Volume 1 - Main Structure and Greater Capital City Statistical Areas, July 2011

1270.0.55.002 - Australian Statistical Geography Standard (ASGS): Volume 2 - Indigenous Structure, July 2011

1270.0.55.003 - Australian Statistical Geography Standard (ASGS): Volume 3 - Non ABS Structures, July, 2012

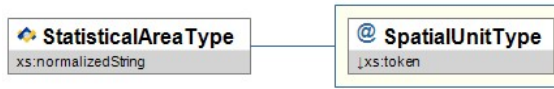


Figure A.185-1: StatisticalAreaType

Element/@Attribute	Char	Description	Type
StatisticalAreaType	OR	<p>The Australian Standard Geographical Classification (ASGC) has now been replaced with the Australian Statistical Geography Standard (ASGS). The level and method that this is collected would need to be discussed as the lowest level is now a lot lower than the previous classification to allow for more accurate data analysis and reporting. There are different levels of spatial unit references by this code set and a MeshBlock refers to the lowest level of this classification. The spatial unit should be validated against the correct classification which is being elaborated upon. The referenced levels are coded in these volumes of ABS 1270</p> <p>1270.0.55.001 - Australian Statistical Geography Standard (ASGS): Volume 1 - Main Structure and Greater Capital City Statistical Areas, July 2011</p> <p>1270.0.55.002 - Australian Statistical Geography Standard (ASGS): Volume 2 - Indigenous Structure, July 2011</p> <p>1270.0.55.003 - Australian Statistical Geography Standard (ASGS): Volume 3 - Non ABS Structures, July, 2012</p>	xs:normalizedString
@ SpatialUnitType	M	Type of Spatial Unit contained within the StatisticalArea Element	values: MB Mesh Block SA1 Statistical Area Level 1 SA2 Statistical Area Level 2 SA3 Statistical Area Level 3 SA4 Statistical Area Level 4 GCCSA Greater Capital City Statistical Areas S/T State and Territory LG Local Government Area TR TourismRegion ILOC Indigenous Location IARE Indigenous Area IREG Indigenous Region

Table A.185-1: StatisticalAreaType

A.186 StimulusListType



Figure A.186-1: StimulusListType

Element/@Attribute	Char	Description	Type
StimulusListType	O		List
Stimulus	MR		StimulusType

Table A.186-1: StimulusListType

A.187 StimulusLocalIdListType



Figure A.187-1: StimulusLocalIdListType

Element/@Attribute	Char	Description	Type
StimulusLocalIdListType	M		List
StimulusLocalId	MR	LocalId of Stimulus	LocalIdType

Table A.187-1: StimulusLocalIdListType

A.188 StimulusType

Description of a trigger for a response in a NAP test.

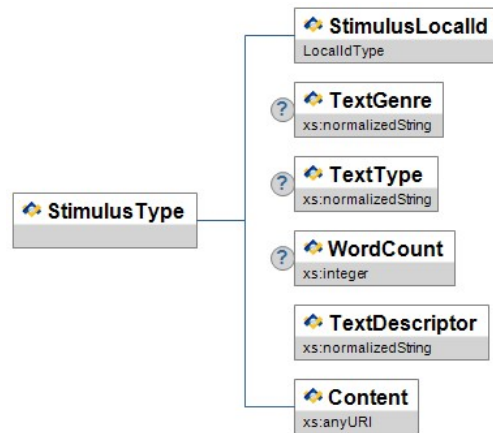


Figure A.188-1: StimulusType

Element/@Attribute	Char	Description	Type
StimulusType	MR	Description of a trigger for a response in a NAP test.	
StimulusLocalId	M	Item Identifier for Stimulus.	LocalIdType
TextGenre	O	Genre for Reading Stimulus Text.	xs:normalizedString
TextType	O	Genre for Reading Stimulus Text.	xs:normalizedString
WordCount	O	Word count for Reading Stimulus Text.	xs:integer
TextDescriptor	M		xs:normalizedString
Content	M	Link to Stimulus.	xs:anyURI

Table A.188-1: StimulusType

A.189 StrategiesType

Teaching/learning strategies used in the learning resource.



Figure A.189-1: StrategiesType

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
StrategiesType	O	Teaching/learning strategies used in the learning resource.	List
Strategy	OR	Teaching/learning strategy used in the learning resource. One per element.	xs:string

Table A.189-1: StrategiesType

A.190 StudentActivityType

Information regarding the co-curricular or extra-curricular activity.



Figure A.190-1: StudentActivityType

Element/@Attribute	Char	Description	Type
StudentActivityType	M	Information regarding the co-curricular or extra-curricular activity.	
Code	M	Code identifying the co-curricular or extra-curricular activity.	AUCodeSetsActivityInvolvementCodeType
OtherCodeList	O		OtherCodeListType

Table A.190-1: StudentActivityType

A.191 StudentEntryContainerType

Container elements for EntryType information

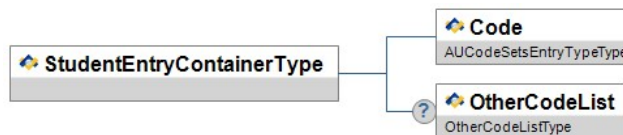


Figure A.191-1: StudentEntryContainerType

Element/@Attribute	Char	Description	Type
StudentEntryContainerType	O	Container elements for EntryType information	
Code	M	Code indicating the type of entry for this enrollment	AUCodeSetsEntryTypeType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	OtherCodeListType

Table A.191-1: StudentEntryContainerType

A.192 StudentExitContainerType

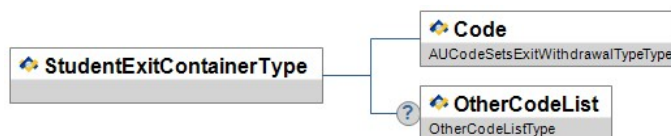


Figure A.192-1: StudentExitContainerType

Element/@Attribute	Char	Description	Type
StudentExitContainerType	O		
Code	M	Code indicating the type of exit for this enrollment.	AUCodeSetsExitWithdrawalTypeType
OtherCodeList	O		OtherCodeListType

Table A.192-1: StudentExitContainerType

A.193 StudentExitStatusContainerType

Container element for exit status codes.

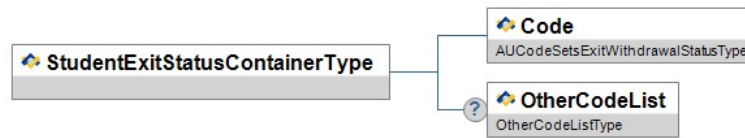


Figure A.193-1: StudentExitStatusContainerType

Element/@Attribute	Char	Description	Type
StudentExitStatusContainerType	O	Container element for exit status codes.	
Code	M	Code indicating the closure status for this enrollment.	AUCodeSetsExitWithdrawalStatusType
OtherCodeList	O		OtherCodeListType

Table A.193-1: StudentExitStatusContainerType

A.194 StudentListType

List of Students in this Teaching Group



Figure A.194-1: StudentListType

Element/@Attribute	Char	Description	Type
StudentListType	O	List of Students in this Teaching Group	List
TeachingGroupStudent	MR	Students who belong to the TeachingGroup	TeachingGroupStudentType

Table A.194-1: StudentListType

A.195 StudentMostRecentContainerType

Container for elements reflecting the most recent enrollment of a student. If the student is currently enrolled in the district, the elements contain current information.

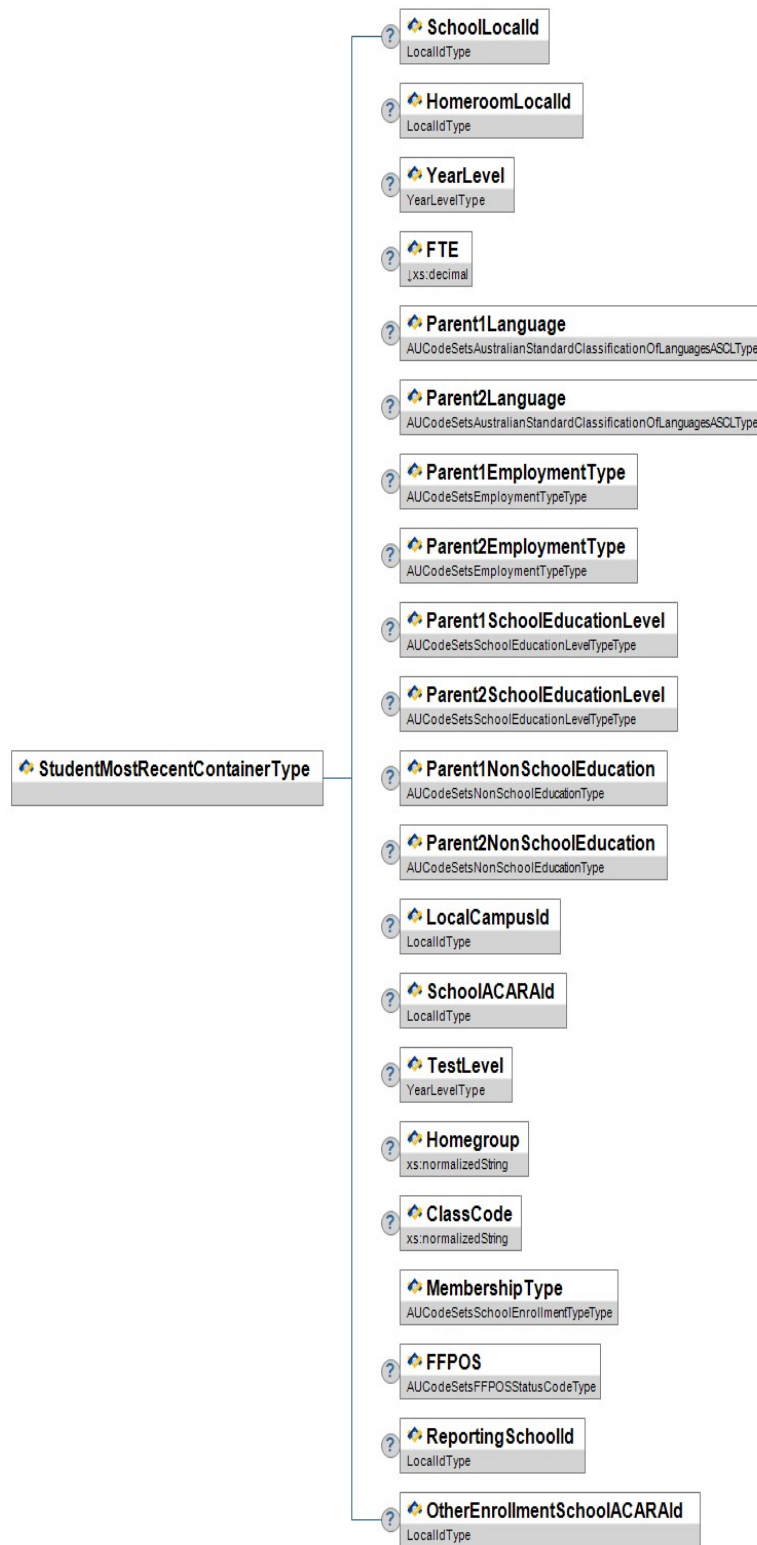


Figure A.195-1: StudentMostRecentContainerType

Element/@Attribute	Char	Description	Type
StudentMostRecentContainerType	O	Container for elements reflecting the most recent enrollment of a student. If the student is currently enrolled in the district, the elements contain current information.	
SchoolLocalId	O	Local identifier representing the school in which the student is or was most recently enrolled in the district.	LocalIdType

Element/@Attribute	Char	Description	Type						
HomeroomLocalId	O	Local identifier representing the current or most recent homeroom in which the student is or was most recently assigned in the district. Use the value from RoomInfo/HomeroomNumber if supported. If not supported, use the value from RoomInfo/RoomNumber. If neither is supported, use the most appropriate value from the agent's application.	LocalIdType						
YearLevel	O	The current or most recent year level of the student.	YearLevelType						
FTE	O	Full-time equivalent numeric value of the student's course load during this enrollment, expressed in decimal form, where 1.00 represents a full-time enrollment.	xs:decimal <table border="1"> <tr> <td>xs:minInclusive</td> <td>0</td> </tr> <tr> <td>xs:maxInclusive</td> <td>1</td> </tr> <tr> <td>xs:fractionDigits</td> <td>2</td> </tr> </table>	xs:minInclusive	0	xs:maxInclusive	1	xs:fractionDigits	2
xs:minInclusive	0								
xs:maxInclusive	1								
xs:fractionDigits	2								
Parent1Language	O	Main language spoken by parent 1 at home, other than English.	AUCodeSetsAustralianStandardClassificationOfLanguagesASCLType						
Parent2Language	O	Main language spoken by parent 2 at home, other than English.	AUCodeSetsAustralianStandardClassificationOfLanguagesASCLType						
Parent1EmploymentType	O	Code that defines employment type of Parent1. This is compulsory if being used for MCEECDYA reporting.	AUCodeSetsEmploymentTypeType						
Parent2EmploymentType	O	Code that defines employment type of Parent2. This is compulsory if being used for MCEECDYA reporting.	AUCodeSetsEmploymentTypeType						
Parent1SchoolEducationLevel	O	The highest level of education completed by Parent1.	AUCodeSetsSchoolEducationLevelTypeType						
Parent2SchoolEducationLevel	O	The highest level of education completed by Parent2.	AUCodeSetsSchoolEducationLevelTypeType						
Parent1NonSchoolEducation	O	This reflects the level of Parent1's Non-School Education.	AUCodeSetsNonSchoolEducationType						
Parent2NonSchoolEducation	O	This reflects the level of Parent2's Non-School Education.	AUCodeSetsNonSchoolEducationType						
LocalCampusId	O	Local identifier for a specific campus Id. This may be the same as the school local Id, but is expected to be supplied only if the school does in fact have distinct campuses.	LocalIdType						
SchoolACARAId	O	Identifier of the school in which the student is or was most recently enrolled in the district, as assigned in the Australian School List.	LocalIdType						
TestLevel	O	Values: 3,5,7,9. The test level that the student is registering for.	YearLevelType						
Homegroup	O	The name of the homegroup the student enrollment belongs to.	xs:normalizedString						
ClassCode	O	The name of the class code the student belongs to, for the purposes of NAPLAN registration.	xs:normalizedString						
MembershipType	M	The type of this enrollment as it relates to the school identified in SchoolInfoRefId.	AUCodeSetsSchoolEnrollmentTypeType						

Element/@Attribute	Char	Description	Type
FFPOS	O	Enrolled Full-fee Paying Overseas Student (FFPOS) Status. Enrolment Frame Element 10 NSCC Collection. The status of an enrolment in a CRICOS course and whether the person is liable for a fee which reflects the imputed full average cost of the person's education at the school (including both recurrent and capital costs) irrespective of the actual arrangements to meet the fee.	AUCodeSetsFFPOSStatusCodeType
ReportingSchoolId	O	This is the school ACARAId to which student's report is to be made available.	LocalIdType
OtherEnrollmentSchoolACARAId	O	ACARAId of other school that student is enrolled in, if known, as assigned in the Australian School List.	LocalIdType

Table A.195-1: StudentMostRecentContainerType

A.196 StudentsType

GUID from the StudentPersonal Object that identifies the student.



Figure A.196-1: StudentsType

Element/@Attribute	Char	Description	Type
StudentsType	O	GUID from the StudentPersonal Object that identifies the student.	List
StudentPersonalRefId	OR	Link to a student.	IdRefType

Table A.196-1: StudentsType

A.197 StudentSubjectChoiceListType

List of Student Subject Choices where available.



Figure A.197-1: StudentSubjectChoiceListType

Element/@Attribute	Char	Description	Type
StudentSubjectChoiceListType	O	List of Student Subject Choices where available.	List
StudentSubjectChoice	MR	Subjects Students Choose	StudentSubjectChoiceType

Table A.197-1: StudentSubjectChoiceListType

A.198 StudentSubjectChoiceType

Subjects Students Choose

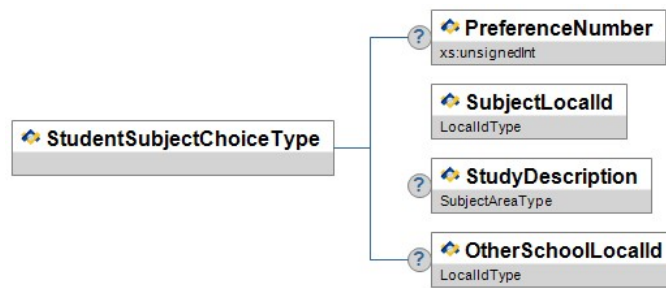


Figure A.198-1: StudentSubjectChoiceType

Element/@Attribute	Char	Description	Type
StudentSubjectChoiceType	MR	Subjects Students Choose	
PreferenceNumber	O	Subject Priority	xs:unsignedInt
SubjectLocalId	M	Local Subject Id	LocalIdType
StudyDescription	O	Description about Study Mode.	SubjectAreaType
OtherSchoolLocalId	O	Local Id of a school where the student studies this subject if not at the home school.	LocalIdType

Table A.198-1: StudentSubjectChoiceType

A.199 SubjectAreaListType

A list of subject areas.



Figure A.199-1: SubjectAreaListType

Element/@Attribute	Char	Description	Type
SubjectAreaListType		A list of subject areas.	List
SubjectArea	MR	Subject matter of a student's study.	SubjectAreaType

Table A.199-1: SubjectAreaListType

```

<SubjectAreaList>
  <SubjectArea>
    <Code>05</Code>
    <OtherCodeList>
      <OtherCode Codeset="Text">Graphic Arts</OtherCode>
      <OtherCode Codeset="Local">GRA</OtherCode>
    </OtherCodeList>
  </SubjectArea>
  <SubjectArea>
    <Code>06</Code>
    <OtherCodeList>
      <OtherCode Codeset="Text">Visual Arts</OtherCode>
    </OtherCodeList>
  </SubjectArea>
</SubjectAreaList>
  
```

Example A.199-1: SubjectAreaListType

A.200 SubjectAreaType

Subject matter.

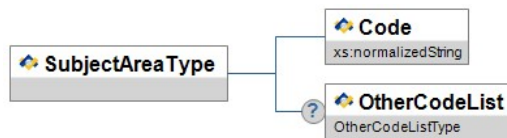


Figure A.200-1: SubjectAreaType

Element/@Attribute	Char	Description	Type
SubjectAreaType		Subject matter.	
Code	M	The subject area details	xs:normalizedString
OtherCodeList	O		OtherCodeListType

Table A.200-1: SubjectAreaType

```

<SubjectArea>
  <Code>05</Code>
  <OtherCodeList>
    <OtherCode Codeset="Text">Graphic Arts</OtherCode>
  </OtherCodeList>
</SubjectArea>
  
```

Example A.200-1: SubjectAreaType

A.201 SubstituteItemListType



Figure A.201-1: SubstituteItemListType

Element/@Attribute	Char	Description	Type
SubstituteItemListType	M		List
SubstituteItem	MR		SubstituteItemType

Table A.201-1: SubstituteItemListType

A.202 SubstituteItemType

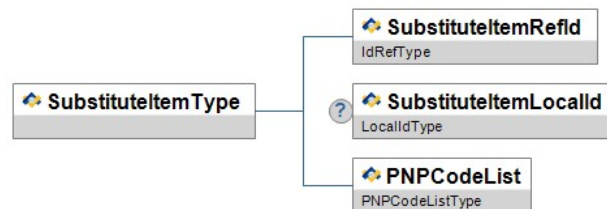


Figure A.202-1: SubstituteItemType

Element/@Attribute	Char	Description	Type
SubstituteItemType	MR		
SubstituteItemRefId	M	The GUID that identifies the test item.	IdRefType
SubstituteItemLocalId	O	Local identifier of the test item.	LocalIdType
PNPCCodeList	M	Adjustment code for which the substitute item is applicable.	PNPCCodeListType

Table A.202-1: SubstituteItemType

A.203 TeacherCoverType

Substructure to allow representing instances where teachers only take subsets of an event. Most typically, this occurs with exam supervision, where each teacher gets a 1-period duty. It also happens with schools with e.g. 4 long periods per day: a period of 1hr20mins can be split into 2 halves of 40 minutes each.

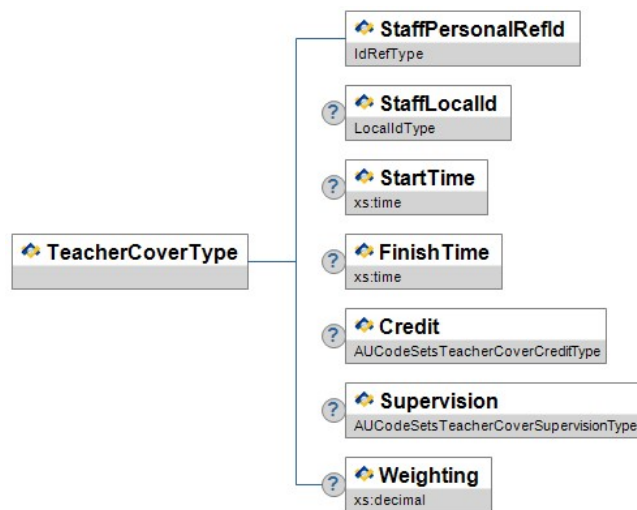


Figure A.203-1: TeacherCoverType

Element/@Attribute	Char	Description	Type
TeacherCoverType	MR	Substructure to allow representing instances where teachers only take subsets of an event. Most typically, this occurs with exam supervision, where each teacher gets a 1-period duty. It also happens with schools with e.g. 4 long periods per day: a period of 1hr20mins can be split into 2 halves of 40 minutes each.	
StaffPersonalRefId	M	The Id (GUID) of the StaffPersonal record for the teacher supervising the event or event subset.	IdRefType
StaffLocalId	O	LocalId of the StaffPersonal record for the teacher supervising the event or event subset.	LocalIdType
StartTime	O	Start time for the subset of the event which the teacher supervises. If not present then we assume this teacher will be on the event for the full duration.	xs:time
FinishTime	O	Finish time for the subset of the event which the teacher supervises. If not present then we assume this teacher will be on the event for the full duration. Either both or neither StartTime and FinishTime should be provided.	xs:time
Credit	O	How the activity is credited, from the perspective of the teacher(s) supervising the event. If a teacher is substituting for the normal teacher supervising, the credit indicates how the substituting teacher is credited.	AUCodeSetsTeacherCoverCreditType
Supervision	O	How intensively the teacher supervises the activity.	AUCodeSetsTeacherCoverSupervisionType
Weighting	O	Weighting of credit assigned to teacher for activity. Assumes default of 1.0 assigned for classroom duty.	xs:decimal

Table A.203-1: TeacherCoverType

A.204 TeacherListType

A List of teachers associated with the group – may or may not include the teacher timetabled in the schedule.



Figure A.204-1: TeacherListType

Element/@Attribute	Char	Description	Type
TeacherListType	O	A List of teachers associated with the group – may or may not include the teacher timetabled in the schedule.	List
TeachingGroupTeacher	MR	Teacher associated with the Teaching group – may or may not be the teacher timetabled in the schedule	TeachingGroupTeacherType

A.205 TeachingGroupListType

Teaching groups which are scheduled to attend the event. Not required for cyclical events, as this would be expected to be provided from TimeTableCell/TeachingGroup instead.

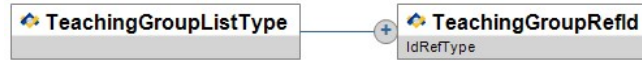


Figure A.205-1: TeachingGroupListType

Element/@Attribute	Char	Description	Type
TeachingGroupListType	O	Teaching groups which are scheduled to attend the event. Not required for cyclical events, as this would be expected to be provided from TimeTableCell/TeachingGroup instead.	List
TeachingGroupRefId	MR	GUID from the TeachingGroup Object that identifies this TeachingGroup.	IdRefType

Table A.205-1: TeachingGroupListType

A.206 TeachingGroupPeriodListType

A List of schedule information that can be published by an SIS which is a subset of information available in the TimeTableCell object.

PeriodId or StartTime must be provided.



Figure A.206-1: TeachingGroupPeriodListType

Element/@Attribute	Char	Description	Type
TeachingGroupPeriodListType	O	A List of schedule information that can be published by an SIS which is a subset of information available in the TimeTableCell object. PeriodId or StartTime must be provided.	List
TeachingGroupPeriod	MR	Timeslot information that can be published by an SIS which is a subset of information available in the TimeTableCell object.	TeachingGroupPeriodType

Table A.206-1: TeachingGroupPeriodListType

A.207 TeachingGroupPeriodType

Timeslot information that can be published by an SIS which is a subset of information available in the TimeTableCell object.

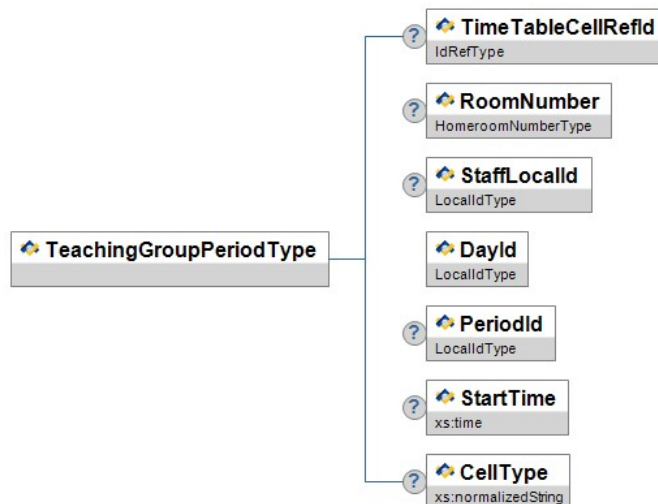


Figure A.207-1: TeachingGroupPeriodType

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
TeachingGroupPeriodType	MR	Timeslot information that can be published by an SIS which is a subset of information available in the TimeTableCell object.	
TimeTableCellRefId	O	If the TimeTableCell has been previously published, this reference can be provided as a connection to more detailed schedule information.	IdRefType
RoomNumber	O	Room number as presented to the user/application.	HomeRoomNumberType
StaffLocalId	O	Local Id of Staff member scheduled to take this class.	LocalIdType
DayId	M	Day Id	LocalIdType
PeriodId	C	Period Id within the Day Id. Either Period Id or starting time must be provided.	LocalIdType
StartTime	C	Starting time of class within the Day Id. Either Period Id or starting time must be provided.	xs:time
CellType	O	Type of Lesson/Session eg Teaching, Lunch etc	xs:normalizedString

Table A.207-1: TeachingGroupPeriodType

A.208 TeachingGroupStudentType

Students who belong to the TeachingGroup

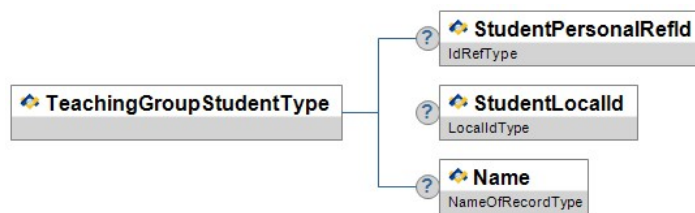


Figure A.208-1: TeachingGroupStudentType

Element/@Attribute	Char	Description	Type
TeachingGroupStudentType	MR	Students who belong to the TeachingGroup	
StudentPersonalRefId	C	GUID from the StudentPersonal that identifies the student. Either StudentPersonalRefId or StudentLocalId should be supplied.	IdRefType
StudentLocalId	C	Local Id of the Student. Either StudentPersonalRefId or StudentLocalId should be supplied.	LocalIdType
Name	O	Name of student	NameOfRecordType

Table A.208-1: TeachingGroupStudentType

A.209 TeachingGroupTeacherType

Teacher associated with the Teaching group – may or may not be the teacher timetabled in the schedule

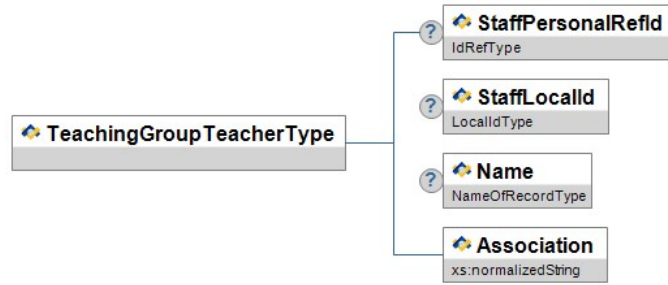


Figure A.209-1: TeachingGroupTeacherType

Element/@Attribute	Char	Description	Type
TeachingGroupTeacherType	MR	Teacher associated with the Teaching group – may or may not be the teacher timetabled in the schedule	
StaffPersonalRefid	C	GUID from the StaffPersonal Object that identifies the Staff member. Either StaffPersonalRefidId or StaffLocalId should be supplied.	IdRefType
StaffLocalId	C	LocalId of the Staff member. Either StaffPersonalRefidId or StaffLocalId should be supplied.	LocalIdType
Name	O	Name of Staff Member.	NameOfRecordType
Association	M	Association with the Teaching Group (free format for this release)	xs:normalizedString

Table A.209-1: TeachingGroupTeacherType

A.210 TechnicalRequirementsType

List of Operating system, network, and other technical requirements for the activity, if applicable.



Figure A.210-1: TechnicalRequirementsType

Element/@Attribute	Char	Description	Type
TechnicalRequirementsType	O	List of Operating system, network, and other technical requirements for the activity, if applicable.	List
TechnicalRequirement	O	an operating system, network, or other technical requirement.	xs:string

Table A.210-1: TechnicalRequirementsType

A.211 TestDisruptionListType



Figure A.211-1: TestDisruptionListType

Element/@Attribute	Char	Description	Type
TestDisruptionListType	O		List
TestDisruption	MR	An event disrupting a test session	TestDisruptionType

Table A.211-1: TestDisruptionListType

A.212 TestDisruptionType

This is an alert message that is associated with the student.



Figure A.212-1: TestDisruptionType

Element/@Attribute	Char	Description	Type
TestDisruptionType	MR	This is an alert message that is associated with the student.	
Event	M	A description of a special event which disrupted the test session.	xs:normalizedString

Table A.212-1: TestDisruptionType

A.213 TimeElementType

A common metadata element designed to contain time data, both self-defined and by type.

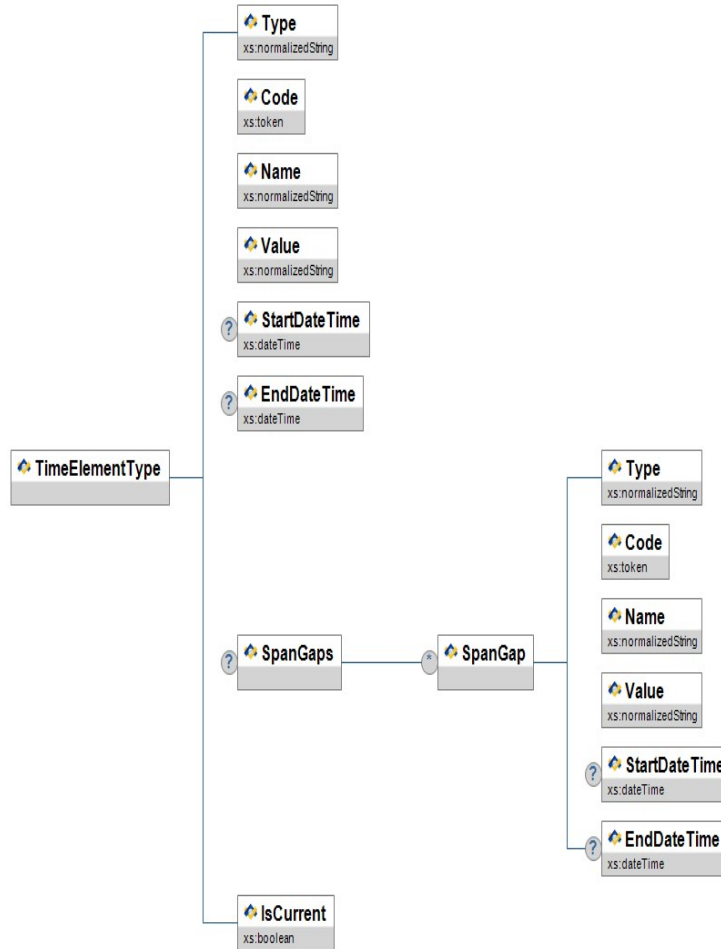


Figure A.213-1: TimeElementType

Element/@Attribute	Char	Description	Type
TimeElementType		A common metadata element designed to contain time data, both self-defined and by type.	

Element/@Attribute	Char	Description	Type
Type	M	This element is designed to contain the time period attached to an object. Very long periods (school year, quarter, etc.) and very small periods (second, millisecond, etc.) can be defined. This element provides a scoping description of the time metadata enclosed. Because the educational environment varies so greatly we are including here a suggested but not prescriptive list of values. Although there may be unique needs for values not covered here—and we may have missed a major one—a best practice would be to utilize the examples here to enhance interoperability. Examples Full school year Mini-term Long session Other Semester Trimester Quarter Spring Vacation Summer Term Intercession Holiday	xs:normalizedString
Code	M	This element provides a place for the application to send structured data (code values, unique identifier, timestamps). This code value can, depending upon the use case agreement between agents, be used to qualify the data in the value element. Examples 2007SY 2006.FallConferences	xs:token
Name	M	Contains a human-readable description of the value in value. Examples Class of '07 Fall 2007 Parent-Teacher Conferences	xs:normalizedString
Value	M	Contains the human-readable value. Examples 2007 Evening of 10/12/06	xs:normalizedString
StartDateTime	O		xs:dateTime
EndDateTime	O		xs:dateTime
SpanGaps	O	A container element for holding multiple possible span gaps.	List
SpanGaps/SpanGap	OR	This structure duplicates much of the structure of TimeElement and is designed to represent a gap in the parent time period defined by startDateTime and endDateTime above.	
SpanGaps/SpanGap/Type	M		xs:normalizedString
SpanGaps/SpanGap/Code	M		xs:token
SpanGaps/SpanGap/Name	M		xs:normalizedString
SpanGaps/SpanGap/Value	M		xs:normalizedString
SpanGaps/SpanGap/StartDateTime	O		xs:dateTime
SpanGaps/SpanGap/EndDateTime	O		xs:dateTime
IsCurrent	M	This element allows for the system to tag an object as being explicitly current. Although the baseline assumption in SIF is that objects are always current (default value is typically true), there are use cases when that is not the case.	xs:boolean

Table A.213-1: TimeElementType

```

<TimeElement>
  <Type>Full school year</Type>
  <Code>01</Code>
  <Name>2004/2005 School Year</Name>
  <Value>2004-2005</Value>
  <StartDateTime>2004-09-01T08:00:00-05:00</StartDateTime>
  <EndDateTime>2005-06-30T15:00:00-05:00</EndDateTime>
  <SpanGaps>
    <SpanGap>
      <Type>Holiday</Type>
      <Code>02</Code>
      <Name>2005 Winter Break</Name>
      <Value>2005 Winter Break</Value>
      <StartDateTime>2005-02-21T15:00:00-05:00</StartDateTime>
      <EndDateTime>2005-02-25T08:00:00-05:00</EndDateTime>
    </SpanGap>
  </SpanGaps>
  <IsCurrent>true</IsCurrent>
</TimeElement>

```

Example A.213-1: TimeElementType

A.214 TimeTableDayListType

Container for TimeTableDays in Schedule



Figure A.214-1: TimeTableDayListType

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
TimeTableDayListType	M	Container for TimeTableDays in Schedule	List
TimeTableDay	MR	This element identifies a 'day' in a TimeTable.	TimeTableDayType

Table A.214-1: TimeTableDayListType

A.215 TimeTableDayType

This element identifies a 'day' in a TimeTable.

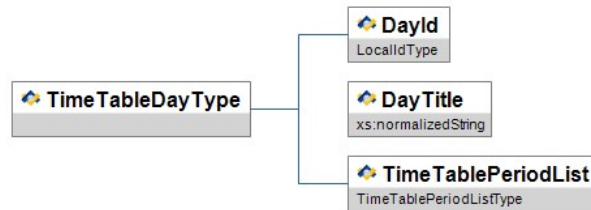


Figure A.215-1: TimeTableDayType

Element/@Attribute	Char	Description	Type
TimeTableDayType	MR	This element identifies a 'day' in a TimeTable.	
DayId	M	Local Time Table Identifier	LocalIdType
DayTitle	M		xs:normalizedString
TimeTablePeriodList	M		TimeTablePeriodListType

Table A.215-1: TimeTableDayType

A.216 TimeTablePeriodListType



Figure A.216-1: TimeTablePeriodListType

Element/@Attribute	Char	Description	Type
TimeTablePeriodListType	M		List
TimeTablePeriod	MR	Container for TimeTablePeriods in a Time Table Day	TimeTablePeriodType

Table A.216-1: TimeTablePeriodListType

A.217 TimeTablePeriodType

Container for TimeTablePeriods in a Time Table Day

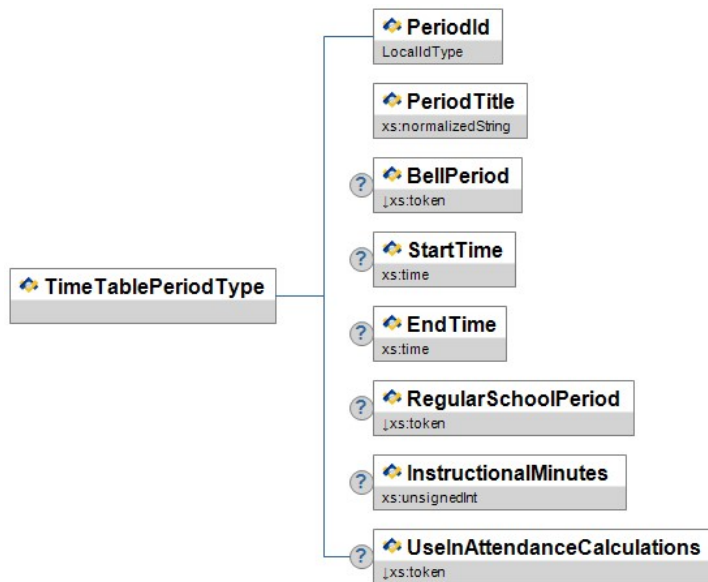


Figure A.217-1: TimeTablePeriodType

Element/@Attribute	Char	Description	Type
TimeTablePeriodType	MR	Container for TimeTablePeriods in a Time Table Day	
PeriodId	M	Period in Day Identifier	LocalIdType
PeriodTitle	M	Title of Period eg. Session 1 or Period 1	xs:normalizedString
BellPeriod	O	Indicates if this Period will require a 'bell', if 'yes' the following elements can be provided in the TimeTable Object.	values: Yes No
StartTime	O	The starting time for the bell period.	xs:time
EndTime	O	The ending time for the bell period.	xs:time
RegularSchoolPeriod	O	Indicates if the bell period is part of the regular school day (i.e. is not a before or after school or break period).	values: Yes No
InstructionalMinutes	O	The number of minutes to be counted for instruction for the bell period.	xs:unsignedInt
UseInAttendanceCalculations	O	Indicates if the bell period should be included in attendance calculations.	values: Yes No

Table A.217-1: TimeTablePeriodType

A.218 TotalEnrollmentsType

Optional School/Campus enrolments.

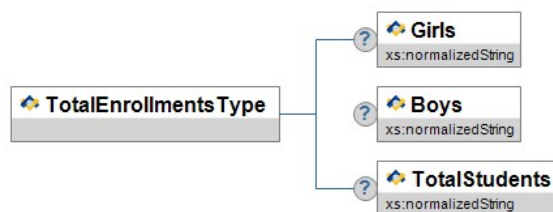


Figure A.218-1: TotalEnrollmentsType

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Element/@Attribute	Char	Description	Type
TotalEnrollmentsType	O	Optional School/Campus enrolments.	
Girls	O	Number of enrolled Female students.	xs:normalizedString
Boys	O	Number of enrolled Male students.	xs:normalizedString
TotalStudents	O	Total number of enrolled students.	xs:normalizedString

Table A.218-1: TotalEnrollmentsType

A.219 URIOrBinaryType

Allows for a URL or a Base-64 encoding.



Figure A.219-1: URIOrBinaryType

Element/@Attribute	Char	Description	Type
URIOrBinaryType		Allows for a URL or a Base-64 encoding.	union of: xs:anyURI xs:base64Binary

Table A.219-1: URIOrBinaryType

A.220 VersionType

A SIF version number.



Figure A.220-1: VersionType

Element/@Attribute	Char	Description	Type
VersionType		A SIF version number.	xs:token xs:pattern [0-9]+[.][0-9]+(r[0-9]+)? xs:maxLength 12

Table A.220-1: VersionType

A.221 VersionWithWildcardsType

A SIF version number, with wildcards for matching multiple versions.

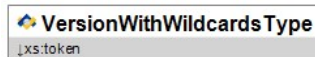


Figure A.221-1: VersionWithWildcardsType

Element/@Attribute	Char	Description	Type
VersionWithWildcardsType		A SIF version number, with wildcards for matching multiple versions.	xs:token xs:pattern * ([0-9]+[.][*]) ([0-9]+[.][0-9]+r* ([0-9]+[.][0-9]+(r[0-9]+)?)) xs:maxLength 12

Table A.221-1: VersionWithWildcardsType

A.222 VisaSubClassCodeType

Visa Sub-Class - Can be free text - not necessary to validate

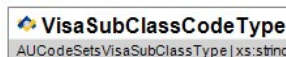


Figure A.222-1: VisaSubClassCodeType

Element/@Attribute	Char	Description	Type
VisaSubClassCodeType	O	Visa Sub-Class - Can be free text - not necessary to validate	union of: AUCodeSetsVisaSubClassType xs:string

Table A.222-1: VisaSubClassCodeType

A.223 VisaSubClassListType

List of Visas



Figure A.223-1: VisaSubClassListType

Element/@Attribute	Char	Description	Type
VisaSubClassListType	O	List of Visas	List
VisaSubClass	OR		VisaSubClassType

Table A.223-1: VisaSubClassListType

A.224 VisaSubClassType

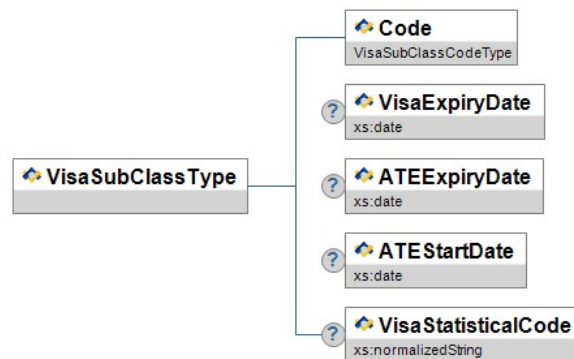


Figure A.224-1: VisaSubClassType

Element/@Attribute	Char	Description	Type
VisaSubClassType	OR		
Code	M		VisaSubClassCodeType
VisaExpiryDate	O	Expiry Date of Visa if one exists	xs:date
ATEExpiryDate	O	Authority to Enroll Expiry Date if one exists. Authority to Enroll Expiry date is also required to ensure the validity of a student's enrolment.	xs:date
ATEStartDate	O	Authority to Enroll Start Date if one exists. Authority to Enroll Start is also required to ensure the validity of a student's enrolment.	xs:date
VisaStatisticalCode	O	Visa Statistical Code - Can be free text - not necessary to validate	xs:normalizedString

Table A.224-1: VisaSubClassType

A.225 YearLevelEnrollmentListType

List of number of students enrolled per year level.



Figure A.225-1: YearLevelEnrollmentListType

Element/@Attribute	Char	Description	Type
YearLevelEnrollmentListType	O	List of number of students enrolled per year level.	list
YearLevelEnrollment	MR	Containter for Year Level of Enrolments.	YearLevelEnrollmentType

Table A.225-1: YearLevelEnrollmentListType

A.226 YearLevelEnrollmentType

Containter for Year Level of Enrolments.

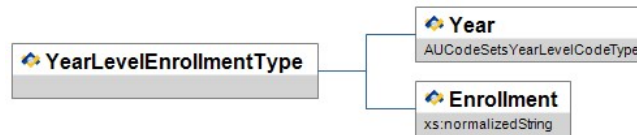


Figure A.226-1: YearLevelEnrollmentType

Element/@Attribute	Char	Description	Type
YearLevelEnrollmentType	MR	Containter for Year Level of Enrolments.	
Year	M	Year level for which students are counted.	AUCodeSetsYearLevelCodeType
Enrollment	M	Number of students enrolled in the year level.	xs:normalizedString

Table A.226-1: YearLevelEnrollmentType

A.227 YearLevelsType

List of year levels.



Figure A.227-1: YearLevelsType

Element/@Attribute	Char	Description	Type
YearLevelsType		List of year levels.	list
YearLevel	MR		YearLevelType

Table A.227-1: YearLevelsType

```

<YearLevels>
  <YearLevel>
    <Code>5</Code>
  </YearLevel>
  <YearLevel>
    <Code>6</Code>
  </YearLevel>
  <YearLevel>
    <Code>7</Code>
  </YearLevel>
  <YearLevel>
    <Code>8</Code>
  </YearLevel>
</YearLevels>
  
```

Example A.227-1: YearLevelsType

A.228 YearLevelType



Figure A.228-1: YearLevelType

Element/@Attribute	Char	Description	Type
YearLevelType		Year or academic level.	
Code	M	Code representing the year level.	AUCodeSetsYearLevelCodeType

Table A.228-1: YearLevelType

```

<YearLevel>
  <Code>8</Code>
</YearLevel>
  
```

Example A.228-1: YearLevel Example

A.229 YearRangeType

Year Span.

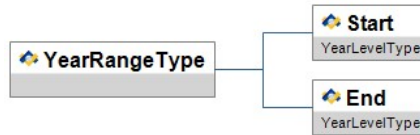


Figure A.229-1: YearRangeType

Element/@Attribute	Char	Description	Type
YearRangeType	C	Year Span.	
Start	M	Lowest year in range.	YearLevelType
End	M	Highest year in range	YearLevelType

Table A.229-1: YearRangeType

Appendix B: Code Sets

Select shared and named code sets defined in SIF are included here for reference.

AU Code Sets

0211 Program Availability

0231	During school
0234	Weekend
0235	Before school
0236	After school
0237	Summer Holidays
0238	In-school service day
0239	Evenings
9998	Other School Holidays
9999	Other
ZZREDACTED	Redacted for privacy

0792 Identification Procedure

2147	Education assessment
2148	Health assessment/screening
2149	Parent/guardian referral
2151	Self-report/survey
2152	Special education assessment/evaluation
2153	Teacher referral
9999	Other
ZZREDACTED	Redacted for privacy

ACStrand

Australian education vocabularies

This vocabulary describes a curriculum framework organised into structural units.

Source: <http://vocabulary.esa.edu.au/framework/>

A	The arts
B	Economics and business
C	Civics and citizenship
D	Design and technologies
E	English
G	Geography
H	History
I	Digital technologies
L	Languages
M	Mathematics
P	Health and physical education
S	Science
T	Technology
U	Humanities and social sciences
W	Work Studies
ZZREDACTED	Redacted for privacy

Activity Involvement Code

1010	Exercise, n.f.d
1011	Exercise biking
1012	Fitness centre activities
1013	Gymnasium workouts
1014	Aerobics/exercising (other)
1015	Circuits
1016	Boot camp
1017	Boxercise (at a gym)
1018	RPM
1019	Spin Cycling
101A	Treadmill Activities
101B	Weight Training
101C	Zumba

101D	Kickboxing (at a gym)
101E	Rope skipping
1020	Air sports, n.f.d.
1021	Aerobatics
1022	Ballooning
1023	Gliding
1024	Gyroplane flying
1025	Hang gliding
1026	Ultralight flying
1027	Air sport (other)
1028	Bungee jumping
1029	Parachuting
102A	Skydiving
102B	Paragliding
1031	Aquareobics
1041	Archery
1042	Bow hunting
1051	Athletics, track & field
1061	Australian rules football
1071	Badminton
1081	Baseball
1091	Basketball (indoor & outdoor)
1101	Beach volleyball
1110	Cue Sports, n.f.d.
1111	Billiards
1112	Pool
1113	Snooker
1121	Bocce
1122	Boules
1123	Petanque
1131	Boxing
1141	Bush walking
1151	Canoeing
1152	Kayaking
1153	Outrigger canoe
1161	Carpet bowls
1171	Cricket (Indoor)
1181	Cricket (Outdoor)
1191	Croquet
1201	Cross country running
1210	Bike sports, n.f.d.
1211	Bike riding
1212	Cycling
1213	BMXing
1214	Mountain biking
1220	Dance Sports, n.f.d.
1221	Boot scooting
1222	Classical Ballet
1223	Jazz Ballet
1224	Ballroom Dancing
1225	Dance team
1226	Bellydancing
1227	Folk dancing
1228	Latin dancing
1229	Dancing (other)
122A	Line dancing
122B	Salsa
122C	Swing dancing
1231	Darts
1241	Dog racing
1250	Dog competitions, n.f.d.
1251	Dog shows
1252	Sheepdog trials
1261	Fencing
1271	Angling
1272	Fishing
1280	Throwing, n.f.d.

1281	Ultimate frisbee
1282	Boomerang throwing
1289	Flying disc games
1291	Gaelic football
1301	Golf
1311	Gridiron (USA football)
1321	Gymnastics
1322	Circus acrobatics
1323	Callisthenics
1324	Trampolining
1331	Handball
1341	Harness racing/Trotting
1351	Hockey (Indoor)
1352	Hockey (Outdoor)
1353	Broomball
1362	Horse racing
1363	Dressage
1371	Horse riding/Equestrian activities
1372	Polo
1373	Polo cross
1374	Show jumping
1380	Ice/Snow Sports, n.f.d.
1381	Ice hockey
1383	Ice/Snow sport (other)
1384	Snow skiing
1385	Snow boarding
1386	Bobsledding
1387	Skeleton
1391	Korfball
1392	Ice skating
1393	Ice racing/speed skating
1401	Lacrosse
1402	Softcrosse
1411	Lawn bowls
1421	Marching
1430	Martial arts, n.f.d.
1431	Chi Kung
1432	Judo/Jujitsu
1433	Karate
1434	Kickboxing
1435	Taekwondo
1436	Tai Chi
1437	Aikido
1438	Kendo
1439	Martial arts (other)
143A	Ninjitsu
1441	Minigolf
1442	Putt-putt golf
1450	Motor sports, n.f.d.
1451	Go-Karting (motor sports)
1452	Track motor sport
1453	Car racing
1454	Drag racing
1455	Motorbike racing
1456	Speedway
1459	Motor sport (other)
1461	Netball (Indoor and outdoor)
1471	Orienteering
1472	Rogaining
1473	Racewalking
1481	Pilates
1490	Outdoor rock activities, n.f.d.
1491	Abseiling
1492	Caving
1493	Rock climbing
1501	Rodeos
1510	Roller sports, n.f.d.

1511	Roller-blading
1512	Skateboarding
1513	Inline hockey
1514	Roller sport (other)
1515	Rollerskating
1516	Roller derby
1521	Rowing
1531	Royal Tennis
1541	Rugby league (football)
1542	Oztag
1543	Rugby league sevens
1544	Rugby sevens
1551	Rugby union (football)
1561	Jogging
1562	Running
1571	Sailing
1581	Scuba diving
1582	Snorkelling
1590	Shooting sports, n.f.d.
1591	Hunting
1592	Paintball shooting
1593	Pistol shooting
1594	Shooting sport (other)
1595	Target shooting
1596	Bird shooting
1597	Clay shooting
1598	Duck shooting
1599	Rifle shooting
159A	Running target shooting
159B	Shotgun shooting
159C	Skirmish
159D	Trap shooting
1601	Soccer (Indoor)
1602	Futsal
1612	Soccer (Outdoor)
1621	Softball
1622	Tee ball (T ball)
1631	Squash
1632	Racquet ball
1641	Surf Lifesaving/Royal Lifesaving
1651	Surfing
1652	Surf sport (other)
1653	Bodyboarding
1654	Standup paddleboarding
1660	Indoor water sports, n.f.d.
1661	Diving (board)
1662	Swimming
1663	Synchronized Swimming
1671	Table tennis
1681	Tennis (Indoor and outdoor)
1691	Tenpin bowling
1701	Touch football
1709	Football (other)
1711	Trail biking (motor sports)
1712	Dirt bike riding (motor sports)
1721	Triathlons
1731	Volleyball (Indoor and outdoor)
1732	Newcombe ball
1741	Walking for exercise
1751	Water polo
1760	Motorised water sports, n.f.d.
1761	Jet skiing
1762	Powerboating
1763	Water-skiing
1764	Wakeboarding
1770	Non-motorised outdoor water sports, n.f.d.
1771	Canoe polo

1772	Water volleyball
1773	Underwater hockey
1774	White water rafting
1775	Dragon boat racing
1781	Competition weight-lifting
1782	Powerlifting
1791	Bodybuilding
1792	Weight training (for fitness - other)
1800	Board sports, n.f.d.
1801	Wind surfing
1802	Sailboarding
1803	Kite surfing
1811	Wood chopping
1821	Wrestling
1831	Yoga
1840	Other sporting activities, n.f.d.
1841	Pigeon racing
1842	Playing
1843	Multidisciplinary events
1844	Radio controlled model car/boat/plane racing
1845	Cheerleading
1846	Modern pentathlon
1847	Campdrafting
1848	Biathlon
1849	Other sporting activities
2010	Leadership Activities
2011	Team captain
2012	Student representative council president
2013	Class captain
2014	Class officer
2015	Student representative council officer
2016	School captain
2017	Duke of Edinburgh Award
2019	Other student leadership
3010	Youth Development, n.f.d.
3011	Army Cadets
3012	Airforce Cadets
3013	Other Cadets
3014	Boy Scouts
3015	Girl Scouts
3019	Other youth development group
4011	Music - vocal
4012	Choir
4019	Other vocal ensemble
4021	Music - instrumental
4022	Concert Band
4023	Orchestra
4024	Jazz ensemble
4025	Chamber ensemble
4029	Other instrumental ensemble
4031	Music - theory and composition
4039	Other Music
4041	Theatre/drama
4042	Eisteddfod
4043	Annual music production
4044	Other performing arts
5010	Arts activities, n.f.d.
5011	Art and graphic design
5012	Painting
5013	Embroidery
5019	Other arts activity
5020	Communications, n.f.d.
5021	Journalism
5022	Broadcasting
5023	School Year book
5024	Literary publications
5025	Speech/debate

5029	Other communications
6011	Book Club
6012	Drama club
6013	Language club
6014	Art club
6019	Other Cultural club
6021	Technology Students
6022	Computer club
6023	Science Club
6029	Other Technology Club
6031	Health Occupations Students
6032	Chess club
6039	Other club or organization
7011	Peer counseling
7012	Tutoring
7013	Formal/Social/Debutante Ball
7019	Other general activity
ZZREDACTED	Redacted for privacy

Activity Type

0750	Co-curricular activity
0751	Extra-curricular Activity
9999	Other
ZZREDACTED	Redacted for privacy

Address Role

012A	Term Address
012B	Home Address
012C	Home Stay Address
013A	Overseas Address
1073	Other home address
1074	Employer's address
1075	Employment address
2382	Other organisation address
9999	Other Address
ZZREDACTED	Redacted for privacy

Address Type

0123	Mailing address
0123A	Alternate Mailing address
0124	Shipping address
0124A	Alternate Shipping address
0125	Billing address
0765	Physical location address
0765A	Alternate Physical location address
9999	Other
9999A	Alternate Other address
ZZREDACTED	Redacted for privacy

Assessment Reporting Method

0144	Letter grade/mark
0490	Age score
0492	Tertiary admission examination score
0493	Year equivalent or year-level indicator
0497	Normal curve equivalent
0498	Normalized standard score
0499	Number score
0500	Pass-fail
0502	Percentile rank
0503	Proficiency level
0504	Ranking
0506	Standard age score
0512	Achievement/proficiency level
0513	Mastery level
3473	Graduation score

3474	Growth/value-added/indexing
3475	International Baccalaureate score
3476	Percentile
3478	Raw score
3479	Scale score
3480	Workplace readiness score
9999	Other
ZZREDACTED	Redacted for privacy

Assessment Type

0075	Achievement test
0076	Advanced placement test
0077	Alternate assessment/year-level standards
0079	Attitudinal test
0081	Cognitive and perceptual skills test
0082	Developmental observation
0083	Interest inventory
0084	Language proficiency test
0087	Manual dexterity test
0088	Mental ability (intelligence) test
0089	Performance assessment
0090	Personality test
0092	Portfolio assessment
0093	Psychological test
0094	Psychomotor test
0095	Reading readiness test
3461	Alternative assessment/modified standards
3462	Alternate assessment/ELL
3463	Aptitude test
9999	Other
ZZREDACTED	Redacted for privacy

Attendance Code

0	Not Marked
100	Present
101	Absent - General
102	Absent - Unjustified
111	Late arrival at School
112	Early departure from School
113	Late arrival unexplained
114	Early departure unexplained
116	Late arrival to Class
117	Early leaver from Class
118	Late Class Unexplained
119	Early Class Unexplained
200	Medical
201	Illness
202	Accident
203	Counselling
204	Sick Bay
205	Medical Appointment
206	Hospitalised
207	Quarantine
208	Refusal
209	Dentist
210	Medical/Welfare
211	Bereavement
300	Truancy
400	Suspension
401	Suspension - External
500	Unexplained
600	Educational
601	Group Activity
602	Community Service
603	Duty Student
604	Excursion

605	Special Event
606	Camp
607	Other Educational Activity
608	Off-Site Learning Program (eg. TAFE)
609	Work Experience
610	School Production
611	Sports
612	Study Leave
613	Shared enrolment
614	Incursion
615	Specialist Placement
616	Internal School Appointment
617	School Examination/Testing
618	Temporary Employment
700	Flags
701	Exit
702	Transferred
800	Parent Choice
801	Parental Arrangement
802	Exempt
803	Parental Acknowledgement
804	Extended Family Holidays
805	Religious/Cultural Observance
900	School Choice
901	Industrial Action
902	Facility Damage
903	Weather
904	Staff Meeting
905	Pandemic
999	Other
ZZREDACTED	Redacted for privacy

Attendance Status

01	Excused
02	Unexcused
99	Unknown
NA	Not Applicable
ZZREDACTED	Redacted for privacy

Australian Citizenship Status

1	Australian Citizen
2	New Zealand Citizen
3	Permanent Resident
4	Temporary Entry Permit
5	Other Overseas
8	Permanent Humanitarian Visa
x	Not Provided
ZZREDACTED	Redacted for privacy

Australian Standard Classification of Cultural and Ethnic Groups (ASCCEG)

1249.0 Australian Standard Classification of Cultural and Ethnic Groups, 2016

Source Data ABS: <http://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1249.02016?OpenDocument>

0000	Inadequately described
0001	Not stated
0901	Eurasian, so described
0902	Asian, so described
0903	African, so described
0904	European, so described
0905	Caucasian, so described
0906	Creole, so described
1000	Oceanian, nfd
1100	Australian Peoples, nfd
1101	Australian
1102	Australian Aboriginal
1103	Australian South Sea Islander

1104	Torres Strait Islander
1200	New Zealand Peoples, nfd
1201	Maori
1202	New Zealander
1300	Melanesian and Papuan, nfd
1301	New Caledonian
1302	Ni-Vanuatu
1303	Papua New Guinean
1304	Solomon Islander
1399	Melanesian and Papuan, nec
1400	Micronesian, nfd
1401	I-Kiribati
1402	Nauruan
1499	Micronesian, nec
1500	Polynesian, nfd
1501	Cook Islander
1502	Fijian
1503	Niuean
1504	Samoan
1505	Tongan
1506	Hawaiian
1507	Tahitian
1508	Tokelauan
1511	Tuvaluan
1512	Pitcairn
1599	Polynesian, nec
2000	North-West European, nfd
2100	British, nfd
2101	English
2102	Scottish
2103	Welsh
2104	Channel Islander
2105	Manx
2199	British, nec
2201	Irish
2300	Western European, nfd
2301	Austrian
2303	Dutch
2304	Flemish
2305	French
2306	German
2307	Swiss
2311	Belgian
2312	Frisian
2313	Luxembourg
2399	Western European, nec
2400	Northern European, nfd
2401	Danish
2402	Finnish
2403	Icelandic
2404	Norwegian
2405	Swedish
2499	Northern European, nec
3000	Southern and Eastern European, nfd
3100	Southern European, nfd
3101	Basque
3102	Catalan
3103	Italian
3104	Maltese
3105	Portuguese
3106	Spanish
3107	Gibraltarian
3199	Southern European, nec
3200	South Eastern European, nfd
3201	Albanian
3202	Bosnian
3203	Bulgarian

3204	Croatian
3205	Greek
3206	Macedonian
3207	Moldovan
3208	Montenegrin
3211	Romanian
3212	Roma Gypsy
3213	Serbian
3214	Slovene
3215	Cypriot
3216	Vlach
3299	South Eastern European, nec
3300	Eastern European, nfd
3301	Belarusan
3302	Czech
3303	Estonian
3304	Hungarian
3305	Latvian
3306	Lithuanian
3307	Polish
3308	Russian
3311	Slovak
3312	Ukrainian
3313	Sorb/Wend
3399	Eastern European, nec
4000	North African and Middle Eastern, nfd
4100	Arab, nfd
4101	Algerian
4102	Egyptian
4103	Iraqi
4104	Jordanian
4105	Kuwaiti
4106	Lebanese
4107	Libyan
4108	Moroccan
4111	Palestinian
4112	Saudi Arabian
4113	Syrian
4114	Tunisian
4115	Yemeni
4116	Bahraini
4117	Emirati
4118	Omani
4121	Qatari
4199	Arab, nec
4201	Jewish
4300	Peoples of the Sudan, nfd
4301	Bari
4302	Darfur
4303	Dinka
4304	Nuer
4305	South Sudanese
4306	Sudanese
4399	Peoples of the Sudan, nec
4900	Other North African and Middle Eastern, nfd
4902	Berber
4903	Coptic
4904	Iranian
4905	Kurdish
4907	Turkish
4908	Assyrian
4911	Chaldean
4912	Mandaean
4913	Nubian
4914	Yezidi
4999	Other North African and Middle Eastern, nec
5000	South-East Asian, nfd

5100	Mainland South-East Asian, nfd
5101	Anglo-Burmese
5102	Burmese
5103	Hmong
5104	Khmer (Cambodian)
5105	Lao
5106	Thai
5107	Vietnamese
5108	Karen
5111	Mon
5112	Chin
5113	Rohingya
5199	Mainland South-East Asian, nec
5200	Maritime South-East Asian, nfd
5201	Filipino
5202	Indonesian
5203	Javanese
5204	Madurese
5205	Malay
5206	Sundanese
5207	Timorese
5208	Acehnese
5211	Balinese
5212	Bruneian
5213	Kadazan
5214	Singaporean
5215	Temoq
5299	Maritime South-East Asian, nec
6000	North-East Asian, nfd
6100	Chinese Asian, nfd
6101	Chinese
6102	Taiwanese
6199	Chinese Asian, nec
6900	Other North-East Asian, nfd
6901	Japanese
6902	Korean
6903	Mongolian
6904	Tibetan
6999	Other North-East Asian, nec
7000	Southern and Central Asian, nfd
7100	Southern Asian, nfd
7101	Anglo-Indian
7102	Bengali
7103	Burgher
7104	Gujarati
7106	Indian
7107	Malayali
7111	Nepalese
7112	Pakistani
7113	Punjabi
7114	Sikh
7115	Sinhalese
7117	Maldivian
7118	Bangladeshi
7121	Bhutanese
7122	Fijian Indian
7123	Kashmiri
7124	Parsi
7125	Sindhi
7126	Sri Lankan
7127	Sri Lankan Tamil
7128	Indian Tamil
7131	Tamil, nfd
7132	Telugu
7199	Southern Asian, nec
7200	Central Asian, nfd
7201	Afghan

7202	Armenian
7203	Georgian
7204	Kazakh
7205	Pathan
7206	Uzbek
7207	Azeri
7208	Hazara
7211	Tajik
7212	Tatar
7213	Turkmen
7214	Uighur
7215	Kyrgyz
7299	Central Asian, nec
8000	Peoples of the Americas, nfd
8100	North American, nfd
8101	African American
8102	American
8103	Canadian
8104	French Canadian
8105	Hispanic North American
8106	Native North American Indian
8107	Bermudan
8199	North American, nec
8200	South American, nfd
8201	Argentinian
8202	Bolivian
8203	Brazilian
8204	Chilean
8205	Colombian
8206	Ecuadorian
8207	Guyanese
8208	Peruvian
8211	Uruguayan
8212	Venezuelan
8213	Paraguayan
8299	South American, nec
8300	Central American, nfd
8301	Mexican
8302	Nicaraguan
8303	Salvadoran
8304	Costa Rican
8305	Guatemalan
8306	Mayan
8399	Central American, nec
8400	Caribbean Islander, nfd
8401	Cuban
8402	Jamaican
8403	Trinidadian Tobagonian
8404	Barbadian
8405	Puerto Rican
8499	Caribbean Islander, nec
9000	Sub-Saharan African, nfd
9100	Central and West African, nfd
9101	Akan
9102	Fulani
9103	Ghanaian
9104	Nigerian
9105	Yoruba
9106	Ivorean
9107	Liberian
9108	Sierra Leonean
9111	Acholi
9112	Cameroonian
9113	Congolese
9114	Gio
9115	Igbo
9116	Krahn

9117	Mandinka
9118	Senegalese
9121	Themne
9122	Togolese
9199	Central and West African, nec
9200	Southern and East African, nfd
9201	Afrikaner
9202	Angolan
9203	Eritrean
9204	Ethiopian
9205	Kenyan
9206	Malawian
9207	Mauritian
9208	Mozambican
9211	Namibian
9212	Oromo
9213	Seychellois
9214	Somali
9215	South African
9216	Tanzanian
9217	Ugandan
9218	Zambian
9221	Zimbabwean
9222	Amhara
9223	Batswana
9225	Hutu
9226	Masai
9228	Tigrayan
9231	Tigre
9232	Zulu
9233	Burundian
9234	Kunama
9235	Madi
9236	Ogaden
9237	Rwandan
9238	Shona
9241	Swahili
9242	Swazilander
9299	Southern and East African, nec

Australian Standard Classification of Languages (ASCL)

ABS 1267.0 - Australian Standard Classification of Languages (ASCL), 2016

Updated to correspond to ACARA Data Standards Manual, 2012

Source Data: <http://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1267.02016?OpenDocument>

This extract contains all 4 digit classifications and supplementary codes.

0000	Inadequately Described
0001	Non Verbal, so described
0002	Not Stated
0003	Swiss, so described
0004	Cypriot, so described
0005	Creole, nfd
0006	French Creole, nfd
0007	Spanish Creole, nfd
0008	Portuguese Creole, nfd
0009	Pidgin, nfd
1000	Northern European Languages, nfd
1100	Celtic, nfd
1101	Gaelic (Scotland)
1102	Irish
1103	Welsh
1199	Celtic, nec
1201	English
1300	German and Related Languages, nfd
1301	German
1302	Letzeburgish

1303	Yiddish
1400	Dutch and Related Languages, nfd
1401	Dutch
1402	Frisian
1403	Afrikaans
1500	Scandinavian, nfd
1501	Danish
1502	Icelandic
1503	Norwegian
1504	Swedish
1599	Scandinavian, nec
1600	Finnish and Related Languages, nfd
1601	Estonian
1602	Finnish
1699	Finnish and Related Languages, nec
2000	Southern European Languages, nfd
2101	French
2201	Greek
2300	Iberian Romance, nfd
2301	Catalan
2302	Portuguese
2303	Spanish
2399	Iberian Romance, nec
2401	Italian
2501	Maltese
2900	Other Southern European Languages, nfd
2901	Basque
2902	Latin
2999	Other Southern European Languages, nec
3000	Eastern European Languages, nfd
3100	Baltic, nfd
3101	Latvian
3102	Lithuanian
3301	Hungarian
3400	East Slavic, nfd
3401	Belorussian
3402	Russian
3403	Ukrainian
3500	South Slavic, nfd
3501	Bosnian
3502	Bulgarian
3503	Croatian
3504	Macedonian
3505	Serbian
3506	Slovene
3507	Serbo-Croatian/Yugoslavian, so described
3600	West Slavic, nfd
3601	Czech
3602	Polish
3603	Slovak
3604	Czechoslovakian, so described
3900	Other Eastern European Languages, nfd
3901	Albanian
3903	Aromunian (Macedo-Romanian)
3904	Romanian
3905	Romany
3999	Other Eastern European Languages, nec
4000	Southwest and Central Asian Languages, nfd
4100	Iranic, nfd
4101	Kurdish
4102	Pashto
4104	Balochi
4105	Dari
4106	Persian (excluding Dari)
4107	Hazaraghi
4199	Iranic, nec
4200	Middle Eastern Semitic Languages, nfd

4202	Arabic
4204	Hebrew
4206	Assyrian Neo-Aramaic
4207	Chaldean Neo-Aramaic
4208	Mandaean (Mandaic)
4299	Middle Eastern Semitic Languages, nec
4300	Turkic, nfd
4301	Turkish
4302	Azeri
4303	Tatar
4304	Turkmen
4305	Uyгур
4306	Uzbek
4399	Turkic, nec
4900	Other Southwest and Central Asian Languages, nfd
4901	Armenian
4902	Georgian
4999	Other Southwest and Central Asian Languages, nec
5000	Southern Asian Languages, nfd
5100	Dravidian, nfd
5101	Kannada
5102	Malayalam
5103	Tamil
5104	Telugu
5105	Tulu
5199	Dravidian, nec
5200	Indo-Aryan, nfd
5201	Bengali
5202	Gujarati
5203	Hindi
5204	Konkani
5205	Marathi
5206	Nepali
5207	Punjabi
5208	Sindhi
5211	Sinhalese
5212	Urdu
5213	Assamese
5214	Dhivehi
5215	Kashmiri
5216	Oriya
5217	Fijian Hindustani
5299	Indo-Aryan, nec
5999	Other Southern Asian Languages
6000	Southeast Asian Languages, nfd
6100	Burmese and Related Languages, nfd
6101	Burmese
6102	Chin Haka
6103	Karen
6104	Rohingya
6105	Zomi
6199	Burmese and Related Languages, nec
6200	Hmong-Mien, nfd
6201	Hmong
6299	Hmong-Mien, nec
6300	Mon-Khmer, nfd
6301	Khmer
6302	Vietnamese
6303	Mon
6399	Mon-Khmer, nec
6400	Tai, nfd
6401	Lao
6402	Thai
6499	Tai, nec
6500	Southeast Asian Austronesian Languages, nfd
6501	Bisaya
6502	Cebuano

6503	Ilokano
6504	Indonesian
6505	Malay
6507	Tetum
6508	Timorese
6511	Tagalog
6512	Filipino
6513	Acehnese
6514	Balinese
6515	Bikol
6516	Iban
6517	Ilonggo (Hiligaynon)
6518	Javanese
6521	Pampangan
6599	Southeast Asian Austronesian Languages, nec
6999	Other Southeast Asian Languages
7000	Eastern Asian Languages, nfd
7100	Chinese, nfd
7101	Cantonese
7102	Hakka
7104	Mandarin
7106	Wu
7107	Min Nan
7199	Chinese, nec
7201	Japanese
7301	Korean
7900	Other Eastern Asian Languages, nfd
7901	Tibetan
7902	Mongolian
7999	Other Eastern Asian Languages, nec
8000	Australian Indigenous Languages, nfd
8100	Arnhem Land and Daly River Region Languages, nfd
8101	Anindilyakwa
8111	Maung
8113	Ngan'gikurunggurr
8114	Nungubuyu
8115	Rembarrnga
8117	Tiwi
8121	Alawa
8122	Dalabon
8123	Gudanji
8127	Iwaidja
8128	Jaminjung
8131	Jawoyn
8132	Jingulu
8133	Kunbarlang
8136	Larrakiya
8137	Malak Malak
8138	Mangarrayi
8141	Maringarr
8142	Marra
8143	Marrithiyel
8144	Matngala
8146	Murrinh Patha
8147	Na-kara
8148	Ndjebbana (Gunavidji)
8151	Ngalakgan
8152	Ngaliwurru
8153	Nungali
8154	Wambaya
8155	Wardaman
8156	Amurdak
8157	Garra
8158	Kuwema
8161	Marramaninyshi
8162	Ngandi
8163	Waanyi

8164	Wagiman
8165	Yanyuwa
8166	Marridan (Maridan)
8170	Kunwinjkuan, nfd
8171	Gundjeihmi
8172	Kunc
8173	Kuninjku
8174	Kunwinjku
8175	Mayali
8179	Kunwinjkuan, nec
8180	Burarran, nfd
8181	Burarra
8182	Gun-nartpa
8183	Gurr-goni
8189	Burarran, nec
8199	Arnhem Land and Daly River Region Languages, nec
8200	Yolngu Matha, nfd
8210	Dhangu, nfd
8211	Galpu
8212	Golumala
8213	Wangurri
8219	Dhangu, nec
8220	Dhay'yi, nfd
8221	Dhalwangu
8222	Djarrwark
8229	Dhay'yi, nec
8230	Dhuwal, nfd
8231	Djambarrpuyngu
8232	Djapu
8233	Daatiwuy
8234	Marrangu
8235	Liyagalawumirr
8236	Liyagawumirr
8239	Dhuwal, nec
8240	Dhuwala, nfd
8242	Gumatj
8243	Gupapuyngu
8244	Guyamirrilili
8246	Manggalili
8247	Wubulkarra
8249	Dhuwala, nec
8250	Djinang, nfd
8251	Wurlaki
8259	Djinang, nec
8260	Djinba, nfd
8261	Ganalbingu
8262	Djinba
8263	Manyjalpingu
8269	Djinba, nec
8270	Yakuy, nfd
8271	Ritharrngu
8272	Wagilak
8279	Yakuy, nec
8281	Nhangu
8282	Yan-nhangu
8289	Nhangu, nec
8291	Dhuwaya
8292	Djangu
8293	Madarrpa
8294	Warramiri
8295	Riratjingu
8299	Other Yolngu Matha, nec
8300	Cape York Peninsula Languages, nfd
8301	Kuku Yalanji
8302	Guugu Yimidhirr
8303	Kuuku-Ya'u
8304	Wik Mungkan

8305	Djabugay
8306	Dyirbal
8307	Girramay
8308	Koko-Bera
8311	Kuuk Thayorre
8312	Lamalama
8313	Yidiny
8314	Wik Ngathan
8315	Alngith
8316	Kugu Muminh
8317	Morrobalama
8318	Thaynakwith
8321	Yupangathi
8322	Tjungundji
8399	Cape York Peninsula Languages, nec
8400	Torres Strait Island Languages, nfd
8401	Kalaw Kawaw Ya/Kalaw Lagaw Ya
8402	Meriam Mir
8403	Yumplatok (Torres Strait Creole)
8500	Northern Desert Fringe Area Languages, nfd
8504	Bilinarra
8505	Gurindji
8506	Gurindji Kriol
8507	Jaru
8508	Light Warlpiri
8511	Malngin
8512	Mudburra
8514	Ngardi
8515	Ngarinyman
8516	Walmajarri
8517	Wanyjirra
8518	Warlmanpa
8521	Warlpiri
8522	Warumungu
8599	Northern Desert Fringe Area Languages, nec
8600	Arandic, nfd
8603	Alyawarr
8606	Kaytetye
8607	Antekerrepenh
8610	Anmatyerr, nfd
8611	Central Anmatyerr
8612	Eastern Anmatyerr
8619	Anmatyerr, nec
8620	Arrente, nfd
8621	Eastern Arrente
8622	Western Arrarnta
8629	Arrente, nec
8699	Arandic, nec
8700	Western Desert Languages, nfd
8703	Antikarinya
8704	Kartujarra
8705	Kukatha
8706	Kukatja
8707	Luritja
8708	Manyjilyjarra
8711	Martu Wangka
8712	Ngaanyatjarra
8713	Pintupi
8714	Pitjantjatjara
8715	Wangkajunga
8716	Wangkatha
8717	Warnman
8718	Yankunytjatjara
8721	Yulparija
8722	Tjupany
8799	Western Desert Languages, nec
8800	Kimberley Area Languages, nfd

8801	Bardi
8802	Bunuba
8803	Gooniyandi
8804	Miriwoong
8805	Ngarinyin
8806	Nyikina
8807	Worla
8808	Worrorra
8811	Wunambal
8812	Yawuru
8813	Gambera
8814	Jawi
8815	Kija
8899	Kimberley Area Languages, nec
8900	Other Australian Indigenous Languages, nfd
8901	Adnymathanha
8902	Arabana
8903	Bandjalang
8904	Banyjima
8905	Batjala
8906	Bidjara
8907	Dhanggatti
8908	Diyari
8911	Gamilaraay
8913	Garuwali
8914	Githabul
8915	Gumbaynggir
8916	Kanai
8917	Karajarri
8918	Kariyarra
8921	Kaurna
8922	Kayardild
8924	Kriol
8925	Lardil
8926	Mangala
8927	Muruwari
8928	Narungga
8931	Ngarluma
8932	Ngarrindjeri
8933	Nyamal
8934	Nyangumarta
8935	Nyungar
8936	Paakantyi
8937	Palyku/Nyiyaparli
8938	Wajarri
8941	Wiradjuri
8943	Yindjibarndi
8944	Yinhawangka
8945	Yorta Yorta
8946	Baanbay
8947	Badimaya
8948	Barababaraba
8951	Dadi Dadi
8952	Dharawal
8953	Djabwurrung
8954	Gudjal
8955	Keeray-Woorroong
8956	Ladji Ladji
8957	Mirning
8958	Ngatjumaya
8961	Waluwarra
8962	Wangkangurru
8963	Wargamay
8964	Wergaia
8965	Yugambeh
8998	Aboriginal English, so described
8999	Other Australian Indigenous Languages, nec

9000	Other Languages, nfd
9101	American Languages
9200	African Languages, nfd
9201	Acholi
9203	Akan
9205	Mauritian Creole
9206	Oromo
9207	Shona
9208	Somali
9211	Swahili
9212	Yoruba
9213	Zulu
9214	Amharic
9215	Bemba
9216	Dinka
9217	Ewe
9218	Ga
9221	Harari
9222	Hausa
9223	Igbo
9224	Kikuyu
9225	Krio
9226	Luganda
9227	Luo
9228	Ndebele
9231	Nuer
9232	Nyanja (Chichewa)
9233	Shilluk
9234	Tigre
9235	Tigrinya
9236	Tswana
9237	Xhosa
9238	Seychelles Creole
9241	Anuak
9242	Bari
9243	Bassa
9244	Dan (Gio-Dan)
9245	Fulfulde
9246	Kinyarwanda (Rwanda)
9247	Kirundi (Rundi)
9248	Kpelle
9251	Krahn
9252	Liberian (Liberian English)
9253	Loma (Lorma)
9254	Lumun (Kuku Lumun)
9255	Madi
9256	Mandinka
9257	Mann
9258	Moro (Nuba Moro)
9261	Themne
9262	Lingala
9299	African Languages, nec
9300	Pacific Austronesian Languages, nfd
9301	Fijian
9302	Gilbertese
9303	Maori (Cook Island)
9304	Maori (New Zealand)
9306	Nauruan
9307	Niue
9308	Samoan
9311	Tongan
9312	Rotuman
9313	Tokelauan
9314	Tuvaluan
9315	Yapese
9399	Pacific Austronesian Languages, nec
9400	Oceanic Pidgins and Creoles, nfd

9402	Bislama
9403	Hawaiian English
9404	Norfk-Pitcairn
9405	Solomon Islands Pijin
9499	Oceanian Pidgins and Creoles, nec
9500	Papua New Guinea Languages, nfd
9502	Kiwai
9503	Motu (HiriMotu)
9504	Tok Pisin (Neomelanesian)
9599	Papua New Guinea Languages, nec
9601	Invented Languages
9700	Sign Languages, nfd
9701	Auslan
9702	Key Word Sign Australia
9799	Sign Languages, nec

Australian Standard Classification of Religious Groups (ASCRG)

1266.0 Australian Standard Classification of Religious Groups, 2016

Source Data ABS: <http://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1266.02016?OpenDocument>

0001	Not Stated
0002	Religious Belief, nfd
0003	Not Defined
0004	New Age, so described
0005	Theism
1011	Buddhism
2000	Christian, nfd
2001	Apostolic Church, so described
2002	Church of God, so described
2003	Australian Christian Churches, so described
2004	New Church Alliance, so described
2010	Anglican, nfd
2012	Anglican Church of Australia
2013	Anglican Catholic Church
2031	Baptist
2051	Brethren
2071	Western Catholic
2072	Maronite Catholic
2073	Melkite Catholic
2074	Ukrainian Catholic
2075	Chaldean Catholic
2079	Catholic, nec
2110	Churches of Christ, nfd
2111	Churches of Christ (Conference)
2112	Church of Christ (Nondenominational)
2113	International Church of Christ
2131	Jehovah's Witnesses
2150	Church of Jesus Christ of Latter Day Saints, nfd
2151	Church of Jesus Christ of LDS (Mormons)
2152	Community of Christ
2171	Lutheran
2210	Oriental Orthodox, nfd
2212	Armenian Apostolic
2214	Coptic Orthodox Church
2215	Syrian Orthodox Church
2216	Ethiopian Orthodox Church
2219	Oriental Orthodox, nec
2220	Assyrian Apostolic, nfd
2221	Assyrian Church of the East
2222	Ancient Church of the East
2229	Assyrian Apostolic, nec
2230	Eastern Orthodox, nfd
2231	Albanian Orthodox
2232	Antiochian Orthodox
2233	Greek Orthodox
2234	Macedonian Orthodox
2235	Romanian Orthodox

2236	Russian Orthodox
2237	Serbian Orthodox
2238	Ukrainian Orthodox
2239	Eastern Orthodox, nec
2250	Presbyterian and Reformed, nfd
2251	Presbyterian
2252	Reformed
2253	Free Reformed
2271	Salvation Army
2311	Seventh-day Adventist
2331	Uniting Church
2400	Pentecostal, nfd
2401	Apostolic Church (Australia)
2402	Assemblies of God
2403	Bethesda Churches
2404	Christian City Church
2405	Christian Life Churches International
2406	Christian Outreach Centres
2407	Christian Revival Crusade
2408	Faith Churches
2411	Foursquare Gospel Church
2412	Full Gospel Church
2413	Revival Centres
2414	Rhema Family Church
2415	United Pentecostal
2499	Pentecostal, nec
2800	Other Protestant, nfd
2801	Aboriginal Evangelical Missions
2802	Born Again Christian
2803	Christian and Missionary Alliance
2804	Church of the Nazarene
2805	Congregational
2806	Ethnic Evangelical Churches
2807	Independent Evangelical Churches
2808	Wesleyan Methodist Church
2899	Other Protestant, nec
2900	Other Christian, nfd
2901	Apostolic Church of Queensland
2902	Christadelphians
2903	Christian Science
2904	Gnostic Christians
2905	Liberal Catholic Church
2906	New Apostolic Church
2907	New Churches (Swedenborgian)
2908	Ratana (Maori)
2911	Religious Science
2912	Religious Society of Friends (Quakers)
2913	Temple Society
2914	Unitarian
2915	Worldwide Church of God
2999	Other Christian, nec
3011	Hinduism
4011	Islam
5011	Judaism
6011	Australian Aboriginal Traditional Religions
6031	Baha'i
6050	Chinese Religions, nfd
6051	Ancestor Veneration
6052	Confucianism
6053	Taoism
6059	Chinese Religions, nec
6071	Druse
6110	Japanese Religions, nfd
6111	Shinto
6112	Sukyo Mahikari
6113	Tenrikyo
6119	Japanese Religions, nec

6130	Nature Religions, nfd
6131	Animism
6132	Druidism
6133	Paganism
6134	Pantheism
6135	Wiccan/Witchcraft
6139	Nature Religions, nec
6151	Sikhism
6171	Spiritualism
6991	Caodaism
6992	Church of Scientology
6993	Eckankar
6994	Rastafarianism
6995	Satanism
6996	Theosophy
6997	Jainism
6998	Zoroastrianism
6999	Religious Groups, nec
7010	No Religion, nfd
7011	Agnosticism
7012	Atheism
7013	Humanism
7014	Rationalism
ZZREDACTED	Redacted for privacy

Australian Standard Geographical Classification (ASGC)

1216.0 - Australian Standard Geographical Classification (ASGC), July 2011

Statistical Local Area (from ASGC) Latest ISSUE Released at 11:30 AM (CANBERRA TIME) 05/10/2011 Final

The ASGS has been released concurrently with the ASGC to ensure a smooth transition to the new statistical geography. The ASGS and the ASGC will both be current for 2011 however, from 1 July 2012 the ASGS will replace the ASGC.

<http://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1216.0July%202011?OpenDocument>

105051100	Botany Bay (C)
105054800	Leichhardt (A)
105055200	Marrickville (A)
105057201	Sydney (C) - Inner
105057204	Sydney (C) - East
105057205	Sydney (C) - South
105057206	Sydney (C) - West
105106550	Randwick (C)
105108050	Waverley (A)
105108500	Woollahra (A)
105154150	Hurstville (C)
105154450	Kogarah (C)
105156650	Rockdale (C)
105157151	Sutherland Shire (A) - East
105157152	Sutherland Shire (A) - West
105200351	Bankstown (C) - North-East
105200353	Bankstown (C) - North-West
105200355	Bankstown (C) - South
105201550	Canterbury (C)
105252851	Fairfield (C) - East
105252854	Fairfield (C) - West
105254901	Liverpool (C) - East
105254904	Liverpool (C) - West
105301450	Camden (A)
105301501	Campbelltown (C) - North
105301504	Campbelltown (C) - South
105308400	Wollondilly (A)
105350150	Ashfield (A)
105351300	Burwood (A)
105351521	Canada Bay (A) - Concord
105351524	Canada Bay (A) - Drummoyne
105357100	Strathfield (A)
105400200	Auburn (C)
105403950	Holroyd (C)

105406251	Parramatta (C) - Inner
105406252	Parramatta (C) - North-East
105406253	Parramatta (C) - North-West
105406254	Parramatta (C) - South
105450900	Blue Mountains (C)
105453800	Hawkesbury (C)
105456351	Penrith (C) - East
105456354	Penrith (C) - West
105530751	Blacktown (C) - North
105530752	Blacktown (C) - South-East
105530753	Blacktown (C) - South-West
105554100	Hunters Hill (A)
105554700	Lane Cove (A)
105555350	Mosman (A)
105555950	North Sydney (A)
105556700	Ryde (C)
105558250	Willoughby (C)
105604001	Hornsby (A) - North
105604004	Hornsby (A) - South
105604500	Ku-ring-gai (A)
105607421	The Hills Shire (A) - Central
105607423	The Hills Shire (A) - North
105607425	The Hills Shire (A) - South
105655150	Manly (A)
105656370	Pittwater (A)
105658000	Warringah (A)
105703101	Gosford (C) - East
105703104	Gosford (C) - West
105708551	Wyong (A) - North-East
105708554	Wyong (A) - South and West
110051720	Cessnock (C)
110054651	Lake Macquarie (C) - East
110054653	Lake Macquarie (C) - North
110054655	Lake Macquarie (C) - West
110055050	Maitland (C)
110055903	Newcastle (C) - Inner City
110055904	Newcastle (C) - Outer West
110055905	Newcastle (C) - Throsby
110056400	Port Stephens (A)
110102700	Dungog (A)
110103050	Gloucester (A)
110103320	Great Lakes (A)
110105650	Muswellbrook (A)
110107000	Singleton (A)
110107620	Upper Hunter Shire (A)
115054400	Kiama (A)
115056900	Shellharbour (C)
115058451	Wollongong (C) - Inner
115058454	Wollongong (C) Bal
115076951	Shoalhaven (C) - Pt A
115106952	Shoalhaven (C) - Pt B
115108350	Wingecarribee (A)
120057554	Tweed (A) - Tweed-Heads
120057556	Tweed (A) - Tweed Coast
120074851	Lismore (C) - Pt A
120100250	Ballina (A)
120101350	Byron (A)
120104550	Kyogle (A)
120104854	Lismore (C) - Pt B
120106611	Richmond Valley (A) - Casino
120106612	Richmond Valley (A) Bal
120107558	Tweed (A) - Pt B
125011801	Coffs Harbour (C) - Pt A
125036381	Port Macquarie-Hastings (A) - Pt A
125050600	Bellingen (A)
125051736	Clarence Valley (A) - Coast
125051737	Clarence Valley (A) - Grafton

125051738	Clarence Valley (A) Bal
125051804	Coffs Harbour (C) - Pt B
125055700	Nambucca (A)
125103380	Greater Taree (C)
125104350	Kempsey (A)
125106385	Port Macquarie-Hastings (A) - Pt B
125108859	Lord Howe Island
130057311	Tamworth Regional (A) - Pt A
130103550	Gunnedah (A)
130103660	Gwydir (A)
130104201	Inverell (A) - Pt A
130104920	Liverpool Plains (A)
130107314	Tamworth Regional (A) - Pt B
130150111	Armidale Dumaresq (A) - City
130150112	Armidale Dumaresq (A) Bal
130153010	Glen Innes Severn (A)
130153650	Guyra (A)
130154202	Inverell (A) - Pt B
130157400	Tenterfield (A)
130157650	Uralla (A)
130157850	Walcha (A)
130205300	Moree Plains (A)
130205750	Narrabri (A)
135012601	Dubbo (C) - Pt A
135052604	Dubbo (C) - Pt B
135052950	Gilgandra (A)
135055271	Mid-Western Regional (A) - Pt A
135055850	Narromine (A)
135058020	Warrumbungle Shire (A)
135058150	Wellington (A)
135100950	Bogan (A)
135102150	Coonamble (A)
135107900	Walgett (A)
135107950	Warren (A)
135151150	Bourke (A)
135151200	Brewarrina (A)
135151750	Cobar (A)
140030471	Bathurst Regional (A) - Pt A
140070473	Bathurst Regional (A) - Pt B
140070850	Blayney (A)
140071400	Cabonne (A)
140074870	Lithgow (C)
140075274	Mid-Western Regional (A) - Pt B
140076100	Oberon (A)
140150800	Bland (A)
140152350	Cowra (A)
140152900	Forbes (A)
140154600	Lachlan (A)
140156200	Parkes (A)
140158100	Weddin (A)
140206150	Orange (C)
145056181	Palerang (A) - Pt A
145056470	Queanbeyan (C)
145101050	Boorowa (A)
145103311	Goulburn Mulwaree (A) - Goulburn
145103314	Goulburn Mulwaree (A) Bal
145103700	Harden (A)
145106184	Palerang (A) - Pt B
145107640	Upper Lachlan Shire (A)
145108710	Yass Valley (A)
145108750	Young (A)
145150550	Bega Valley (A)
145152750	Eurobodalla (A)
145201000	Bombala (A)
145202050	Cooma-Monaro (A)
145207050	Snowy River (A)
150057751	Wagga Wagga (C) - Pt A

150102000	Coolamon (A)
150102200	Cootamundra (A)
150103500	Gundagai (A)
150104300	Junece (A)
150104950	Lockhart (A)
150105800	Narrandera (A)
150107350	Temora (A)
150107500	Tumut Shire (A)
150107754	Wagga Wagga (C) - Pt B
150151600	Carrathool (A)
150153450	Griffith (C)
150153850	Hay (A)
150154750	Leeton (A)
150155550	Murrumbidgee (A)
155050050	Albury (C)
155053341	Greater Hume Shire (A) - Pt A
155102300	Corowa Shire (A)
155103342	Greater Hume Shire (A) - Pt B
155107450	Tumbarumba (A)
155107700	Urana (A)
155150650	Berrigan (A)
155151860	Conargo (A)
155152500	Deniliquin (A)
155154250	Jerilderie (A)
155155500	Murray (A)
155157800	Wakool (A)
155200300	Balranald (A)
155208200	Wentworth (A)
160101250	Broken Hill (C)
160101700	Central Darling (A)
160108809	Unincorp. Far West
185019779	Migratory - Offshore - Shipping (NSW)
205054601	Melbourne (C) - Inner
205054605	Melbourne (C) - S'bank-D'lands
205054608	Melbourne (C) - Remainder
205055901	Port Phillip (C) - St Kilda
205055902	Port Phillip (C) - West
205056351	Stonnington (C) - Prahran
205057351	Yarra (C) - North
205057352	Yarra (C) - Richmond
205101181	Brimbank (C) - Keilor
205101182	Brimbank (C) - Sunshine
205103111	Hobsons Bay (C) - Altona
205103112	Hobsons Bay (C) - Williamstown
205104330	Maribyrnong (C)
205105063	Moonee Valley (C) - Essendon
205105065	Moonee Valley (C) - West
205204651	Melton (S) - East
205204654	Melton (S) Bal
205207261	Wyndham (C) - North
205207264	Wyndham (C) - South
205207267	Wyndham (C) - West
205255251	Moreland (C) - Brunswick
205255252	Moreland (C) - Coburg
205255253	Moreland (C) - North
205300661	Banyule (C) - Heidelberg
205300662	Banyule (C) - North
205301891	Darebin (C) - Northcote
205301892	Darebin (C) - Preston
205353271	Hume (C) - Broadmeadows
205353274	Hume (C) - Craigieburn
205353275	Hume (C) - Sunbury
205405713	Nillumbik (S) - South
205405715	Nillumbik (S) - South-West
205405718	Nillumbik (S) Bal
205407071	Whittlesea (C) - North
205407075	Whittlesea (C) - South-East

205407076	Whittlesea (C) - South-West
205451111	Boroondara (C) - Camberwell N.
205451112	Boroondara (C) - Camberwell S.
205451113	Boroondara (C) - Hawthorn
205451114	Boroondara (C) - Kew
205504211	Manningham (C) - East
205504214	Manningham (C) - West
205504971	Monash (C) - South-West
205504974	Monash (C) - Waverley East
205504975	Monash (C) - Waverley West
205506981	Whitehorse (C) - Box Hill
205506984	Whitehorse (C) - Nunawading E.
205506985	Whitehorse (C) - Nunawading W.
205553672	Knox (C) - North-East
205553673	Knox (C) - North-West
205553674	Knox (C) - South
205554411	Maroondah (C) - Croydon
205554412	Maroondah (C) - Ringwood
205607451	Yarra Ranges (S) - Central
205607452	Yarra Ranges (S) - Dandenongs
205607453	Yarra Ranges (S) - Lilydale
205607454	Yarra Ranges (S) - North
205607456	Yarra Ranges (S) - Seville
205650911	Bayside (C) - Brighton
205650912	Bayside (C) - South
205652311	Glen Eira (C) - Caulfield
205652314	Glen Eira (C) - South
205653431	Kingston (C) - North
205653434	Kingston (C) - South
205656352	Stonnington (C) - Malvern
205752671	Gr. Dandenong (C) - Dandenong
205752674	Gr. Dandenong (C) Bal
205801452	Cardinia (S) - North
205801453	Cardinia (S) - Pakenham
205801454	Cardinia (S) - South
205801612	Casey (C) - Berwick
205801613	Casey (C) - Cranbourne
205801616	Casey (C) - Hallam
205801618	Casey (C) - South
205852171	Frankston (C) - East
205852174	Frankston (C) - West
205905341	Mornington P'sula (S) - East
205905344	Mornington P'sula (S) - South
205905345	Mornington P'sula (S) - West
210052751	Bellarine - Inner
210052752	Corio - Inner
210052753	Geelong
210052754	Geelong West
210052755	Newtown
210052756	South Barwon - Inner
210102757	Greater Geelong (C) - Pt B
210106080	Queenscliffe (B)
210106493	Surf Coast (S) - East
210106495	Surf Coast (S) - West
210151751	Colac-Otway (S) - Colac
210151754	Colac-Otway (S) - North
210151755	Colac-Otway (S) - South
210152491	Golden Plains (S) - North-West
210152492	Golden Plains (S) - South-East
210152758	Greater Geelong (C) - Pt C
215016730	Warmambool (C)
215051831	Corangamite (S) - North
215051832	Corangamite (S) - South
215055491	Moyne (S) - North-East
215055493	Moyne (S) - North-West
215055496	Moyne (S) - South
215058469	Lady Julia Percy Island

215102411	Glenelg (S) - Heywood
215102412	Glenelg (S) - North
215102413	Glenelg (S) - Portland
215106261	S. Grampians (S) - Hamilton
215106264	S. Grampians (S) - Wannon
215106265	S. Grampians (S) Bal
220050571	Ballarat (C) - Central
220050572	Ballarat (C) - Inner North
220050573	Ballarat (C) - North
220050574	Ballarat (C) - South
220102911	Hepburn (S) - East
220102912	Hepburn (S) - West
220105151	Moorabool (S) - Bacchus Marsh
220105154	Moorabool (S) - Ballan
220105155	Moorabool (S) - West
220150260	Ararat (RC)
220155991	Pyrenees (S) - North
220155994	Pyrenees (S) - South
225053191	Horsham (RC) - Central
225053194	Horsham (RC) Bal
225055811	N. Grampians (S) - St Arnaud
225055814	N. Grampians (S) - Stawell
225056890	West Wimmera (S)
225102980	Hindmarsh (S)
225107631	Yarriambiack (S) - North
225107632	Yarriambiack (S) - South
230054781	Mildura (RC) - Pt A
230101271	Buloke (S) - North
230101272	Buloke (S) - South
230104782	Mildura (RC) - Pt B
230152250	Gannawarra (S)
230156611	Swan Hill (RC) - Central
230156614	Swan Hill (RC) - Robinvale
230156616	Swan Hill (RC) Bal
235052621	Gr. Bendigo (C) - Central
235052622	Gr. Bendigo (C) - Eaglehawk
235052623	Gr. Bendigo (C) - Inner East
235052624	Gr. Bendigo (C) - Inner North
235052625	Gr. Bendigo (C) - Inner West
235052626	Gr. Bendigo (C) - S'saye
235101671	C. Goldfields (S) - M'borough
235101674	C. Goldfields (S) Bal
235102628	Gr. Bendigo (C) - Pt B
235103943	Loddon (S) - North
235103945	Loddon (S) - South
235105431	Mount Alexander (S) - C'maine
235105434	Mount Alexander (S) Bal
235204131	Macedon Ranges (S) - Kyneton
235204134	Macedon Ranges (S) - Romsey
235204135	Macedon Ranges (S) Bal
240052831	Gr. Shepparton (C) - Pt A
240101371	Campaspe (S) - Echuca
240101374	Campaspe (S) - Kyabram
240101375	Campaspe (S) - Rochester
240101376	Campaspe (S) - South
240102834	Gr. Shepparton (C) - Pt B East
240102835	Gr. Shepparton (C) - Pt B West
240104901	Moira (S) - East
240104904	Moira (S) - West
240151011	Benalla (RC) - Benalla
240151014	Benalla (RC) Bal
240154250	Mansfield (S)
240156430	Strathbogie (S)
240158249	Mount Buller Alpine Resort
240158349	Mount Stirling Alpine Resort
240204851	Mitchell (S) - North
240204854	Mitchell (S) - South

240205621	Murrindindi (S) - East
240205622	Murrindindi (S) - West
240208149	Lake Mountain Alpine Resort
245053351	Indigo (S) - Pt A
245056671	Towong (S) - Pt A
245057170	Wodonga (RC)
245103352	Indigo (S) - Pt B
245106701	Wangaratta (RC) - Central
245106704	Wangaratta (RC) - North
245106705	Wangaratta (RC) - South
245150111	Alpine (S) - East
245150112	Alpine (S) - West
245156672	Towong (S) - Pt B
245158109	Falls Creek Alpine Resort
245158309	Mount Hotham Alpine Resort
250052111	E. Gippsland (S) - Bairnsdale
250052113	E. Gippsland (S) - Orbost
250052115	E. Gippsland (S) - South-West
250052117	E. Gippsland (S) Bal
250156811	Wellington (S) - Alberton
250156812	Wellington (S) - Avon
250156813	Wellington (S) - Maffra
250156814	Wellington (S) - Rosedale
250156815	Wellington (S) - Sale
255050831	Baw Baw (S) - Pt A
255053811	Latrobe (C) - Moe
255053814	Latrobe (C) - Morwell
255053815	Latrobe (C) - Traralgon
255053818	Latrobe (C) Bal
255100834	Baw Baw (S) - Pt B East
255100835	Baw Baw (S) - Pt B West
255107458	Yarra Ranges (S) - Pt B
255108209	Mount Baw Baw Alpine Resort
255200741	Bass Coast (S) - Phillip Is.
255200744	Bass Coast (S) Bal
255206171	South Gippsland (S) - Central
255206174	South Gippsland (S) - East
255206175	South Gippsland (S) - West
255208529	French Island
255208649	Bass Strait Islands
285019779	Migratory - Offshore - Shipping (Vic.)
305011067	Bowen Hills
305011143	City - Inner
305011146	City - Remainder
305011187	Dutton Park
305011227	Fortitude Valley
305011274	Herston
305011277	Highgate Hill
305011304	Kangaroo Point
305011315	Kelvin Grove
305011378	Milton
305011421	New Farm
305011427	Newstead
305011454	Paddington
305011481	Red Hill
305011525	South Brisbane
305011528	Spring Hill
305011607	West End
305011631	Woolloongabba
305031004	Albion
305031007	Alderley
305031026	Ascot
305031031	Ashgrove
305031048	Bardon
305031132	Chelmer
305031151	Clayfield
305031162	Corinda

305031206	Enoggera
305031241	Graceville
305031244	Grange
305031255	Hamilton
305031271	Hendra
305031293	Indooroopilly
305031312	Kedron
305031345	Lutwyche
305031424	Newmarket
305031446	Nundah
305031506	St Lucia
305031522	Sherwood
305031533	Stafford
305031536	Stafford Heights
305031558	Taringa
305031574	Toowong
305031618	Wilston
305031623	Windsor
305031634	Wooloowin
305071018	Anstead
305071034	Aspley
305071037	Bald Hills
305071045	Banyo
305071053	Bellbowrie
305071064	Boondall
305071072	Bracken Ridge
305071075	Bridgeman Downs
305071078	Brighton
305071084	Brookfield (incl. Brisbane Forest Park)
305071121	Carseldine
305071127	Chapel Hill
305071135	Chermside
305071138	Chermside West
305071167	Darra-Sumner
305071173	Deagon
305071176	Doolandella-Forest Lake
305071184	Durack
305071203	Ellen Grove
305071211	Everton Park
305071217	Ferny Grove
305071222	Fig Tree Pocket
305071236	Geebung
305071288	Inala
305071296	Jamboree Heights
305071301	Jindalee
305071306	Karana Downs-Lake Manchester
305071318	Kenmore
305071323	Kenmore Hills
305071326	Keperra
305071353	McDowall
305071375	Middle Park
305071383	Mitchelton
305071386	Moggill
305071408	Mount Ommaney
305071435	Northgate
305071442	Nudgee
305071451	Oxley
305071465	Pinjarra Hills
305071467	Pinkenba-Eagle Farm
305071473	Pullenvale
305071484	Richlands
305071487	Riverhills
305071514	Sandgate
305071517	Seventeen Mile Rocks
305071556	Taigum-Fitzgibbon
305071567	The Gap
305071585	Upper Kedron

305071593	Virginia
305071596	Wacol
305071604	Wavell Heights
305071612	Westlake
305071653	Zillmere
305091015	Annerley
305091042	Balmoral
305091086	Bulimba
305091097	Camp Hill
305091102	Cannon Hill
305091108	Carindale
305091113	Carina
305091116	Carina Heights
305091157	Coorparoo
305091195	East Brisbane
305091214	Fairfield
305091247	Greenslopes
305091258	Hawthorne
305091282	Holland Park
305091285	Holland Park West
305091391	Moorooka
305091397	Morningside
305091432	Norman Park
305091563	Tarragindi
305091645	Yeerongpilly
305091648	Yeronga
305111001	Acacia Ridge
305111012	Algester
305111023	Archerfield
305111057	Belmont-Mackenzie
305111091	Burbank
305111094	Calamvale
305111123	Chandler-Capalaba West
305111154	Coopers Plains
305111198	Eight Mile Plains
305111251	Gumdale-Ransome
305111265	Hemmant-Lytton
305111331	Kuraby
305111337	Lota
305111356	MacGregor
305111364	Manly
305111367	Manly West
305111372	Mansfield
305111394	Moreton Island
305111402	Mount Gravatt
305111405	Mount Gravatt East
305111413	Murarric
305111416	Nathan
305111456	Pallara-Heathwood-Larapinta
305111463	Parkinson-Drewvale
305111492	Robertson
305111495	Rochedale
305111498	Rocklea
305111503	Runcorn
305111511	Salisbury
305111541	Stretton-Karawatha
305111547	Sunnybank
305111552	Sunnybank Hills
305111571	Tingalpa
305111588	Upper Mount Gravatt
305111601	Wakerley
305111615	Willawong
305111626	Wishart
305111637	Wynnum
305111642	Wynnum West
305205019	Bribie Island
305205021	Burpengary-Narangba

305205023	Caboolture Central
305205025	Caboolture East
305205027	Caboolture Hinterland
305205028	Caboolture Midwest
305205039	Deception Bay
305205056	Morayfield
305253962	Ipswich (C) - Central
305253965	Ipswich (C) - East
305253966	Ipswich (C) - North
305253971	Ipswich (C) - South-West
305253976	Ipswich (C) - West
305304595	Beenleigh
305304597	Bethania-Waterford
305304601	Browns Plains
305304603	Carbrook-Cornubia
305304605	Daisy Hill-Priestdale
305304606	Eagleby
305304607	Edens Landing-Holmview
305304608	Greenbank-Boronia Heights
305304611	Jimboomba-Logan Village
305304612	Kingston
305304615	Loganholme
305304618	Loganlea
305304623	Marsden
305304626	Mt Warren Park
305304627	Park Ridge-Logan Reserve
305304631	Rochedale South
305304634	Shailer Park
305304637	Slacks Creek
305304642	Springwood
305304645	Tanah Merah
305304651	Underwood
305304654	Waterford West
305304655	Wolffdene-Bahrs Scrub
305304656	Woodridge
305405013	Albany Creek
305405016	Bray Park
305405033	Central Pine West
305405037	Dakabin-Kallangur-M. Downs
305405043	Griffin-Mango Hill
305405047	Hills District
305405051	Lawnton
305405058	Petrie
305405067	Strathpine-Brendale
305405068	Moreton Bay (R) Bal
305455035	Clontarf
305455053	Margate-Woody Point
305455063	Redcliffe-Scarborough
305455065	Rothwell-Kippa-Ring
305506251	Alexandra Hills
305506254	Birkdale
305506257	Capalaba
305506262	Cleveland
305506264	Ormiston
305506265	Redland Bay
305506267	Sheldon-Mt Cotton
305506268	Thorneside
305506271	Thornlands
305506273	Victoria Point
305506276	Wellington Point
305506283	Redland (C) Bal
307103508	Biggera Waters-Labrador
307103511	Bilinga-Tugun
307103514	Broadbeach-Mermaid Beach
307103515	Broadbeach Waters
307103517	Bundall
307103521	Burleigh Heads

307103523	Burleigh Waters
307103527	Coolangatta
307103533	Currumbin
307103555	Main Beach-South Stradbroke
307103562	Mermaid Wtrs-Clear Is. Wtrs
307103563	Miami
307103573	Palm Beach
307103576	Paradise Point-Runaway Bay
307103585	Southport
307103587	Surfers Paradise
307153502	Ashmore-Benowa
307153525	Carrara-Merrimac
307153531	Coombabah
307153534	Currumbin Valley-Tallebudgera
307153535	Currumbin Waters
307153537	Elanora
307153543	Helensvale
307153547	Hope Island
307153552	Jacobs Well-Alberton
307153556	Kingsholme-Upper Coomera
307153564	Molendinar
307153566	Mudgeeraba-Reedy Creek
307153567	Nerang
307153568	Oxenford-Maudsland
307153572	Pacific Pines-Gaven
307153574	Ormeau-Yatala
307153578	Parkwood-Arundel
307153581	Pimpama-Coomera
307153582	Robina
307153592	Varsity Lakes
307153593	Worongary-Tallai
307203538	Guanaba-Springbrook
309056713	Buderim
309056718	Caloundra North
309056721	Caloundra South
309056723	Coolum-Mudjimba
309056728	Kawana
309056738	Maroochydore
309056744	Mooloolaba
309056748	Nambour
309056755	Noosa-Noosaville
309056761	Paynter-Petrie Creek
309056763	Sunshine-Peregian
309056772	Tewantin
309106716	Caloundra Hinterland
309106725	Glass House Country
309106733	Maroochy Hinterland
309106753	Noosa Hinterland
312056582	Somerset (R) - Esk
312056584	Somerset (R) - Kilcoy
312104582	Lockyer Valley (R) - Gatton
312104584	Lockyer Valley (R) - Laidley
312106512	Scenic Rim (R) - Beaudesert
312106514	Scenic Rim (R) - Boonah
312106516	Scenic Rim (R) - Tamborine-Canungra
315051822	Bundaberg (R) - Bundaberg
315051824	Bundaberg (R) - Burnett Pt A
315073222	Fraser Coast (R) - Hervey Bay Pt A
315101825	Bundaberg (R) - Burnett Pt B
315101827	Bundaberg (R) - Isis
315101828	Bundaberg (R) - Kolan
315102330	Cherbourg (S)
315103223	Fraser Coast (R) - Hervey Bay Pt B
315103225	Fraser Coast (R) - Maryborough
315103227	Fraser Coast (R) - Woocoo-Tiaro
315103622	Gympie (R) - Cooloola
315103624	Gympie (R) - Gympie

315103626	Gympie (R) - Kilkivan
315105761	North Burnett (R) - Biggenden
315105762	North Burnett (R) - Eidsvold
315105763	North Burnett (R) - Gayndah
315105764	North Burnett (R) - Monto
315105765	North Burnett (R) - Mundubbera
315105766	North Burnett (R) - Perry
315106632	South Burnett (R) - Kingaroy
315106634	South Burnett (R) - Murgon
315106636	South Burnett (R) - Nanango
315106638	South Burnett (R) - Wondai
320016912	Cambooya
320016921	Gowrie
320016926	Highfields
320016937	Toowoomba Central
320016941	Toowoomba North-East
320016943	Toowoomba North-West
320016945	Toowoomba South-East
320016946	Toowoomba West
320016947	Westbrook
320053612	Goondiwindi (R) - Goondiwindi
320053614	Goondiwindi (R) - Inglewood
320053616	Goondiwindi (R) - Waggamba
320056662	Southern Downs (R) - Allora
320056665	Southern Downs (R) - Killarney
320056666	Southern Downs (R) - Stanthorpe
320056667	Southern Downs (R) - Warwick
320056668	Southern Downs (R) - West
320056914	Clifton
320056916	Crow's Nest
320056923	Greenmount
320056928	Jondaryan
320056931	Millmerran
320056933	Pittsworth
320056935	Rosalie
320057312	Western Downs (R) - Chinchilla
320057313	Western Downs (R) - Dalby
320057315	Western Downs (R) - Murilla-Wandoan
320057316	Western Downs (R) - Tara
320057318	Western Downs (R) - Wambo
325050300	Balonne (S)
325051750	Bulloo (S)
325054862	Maranoa (R) - Bendemere
325054864	Maranoa (R) - Booringa
325054865	Maranoa (R) - Bungil
325054867	Maranoa (R) - Roma
325054868	Maranoa (R) - Warroo
325055600	Murweh (S)
325055800	Paroo (S)
325056150	Quilpie (S)
330056362	Rockhampton (R) - Fitzroy Pt A
330056365	Rockhampton (R) - Livingstone Pt A
330056368	Rockhampton (R) - Rockhampton
330103362	Gladstone (R) - Calliope Pt A
330103366	Gladstone (R) - Gladstone
330150370	Banana (S)
330152272	Central Highlands (R) - Bauhinia
330152274	Central Highlands (R) - Duaringa
330152276	Central Highlands (R) - Emerald
330152278	Central Highlands (R) - Peak Downs
330153364	Gladstone (R) - Calliope Pt B
330153368	Gladstone (R) - Miriam Vale
330156363	Rockhampton (R) - Fitzroy Pt B
330156366	Rockhampton (R) - Livingstone Pt B
330156367	Rockhampton (R) - Mount Morgan
330157550	Woorabinda (S)
335050412	Barcaldine (R) - Aramac

335050416	Barcaldine (R) - Barcaldine
335050418	Barcaldine (R) - Jericho
335050450	Barcoo (S)
335050762	Blackall Tambo (R) - Blackall
335050765	Blackall Tambo (R) - Tambo
335050900	Boulia (S)
335052750	Diamantina (S)
335054712	Longreach (R) - Ilfracombe
335054714	Longreach (R) - Isisford
335054716	Longreach (R) - Longreach
335057400	Winton (S)
340054772	Mackay (R) - Mackay Pt A
340103982	Isaac (R) - Belyando
340103984	Isaac (R) - Broadsound
340103986	Isaac (R) - Nebo
340104773	Mackay (R) - Mackay Pt B
340104775	Mackay (R) - Mirani
340104777	Mackay (R) - Sarina
340107342	Whitsunday (R) - Bowen
340107345	Whitsunday (R) - Whitsunday
345057001	Aitkenvale
345057003	City
345057007	Cranbrook
345057012	Currajong
345057014	Douglas
345057015	Garbutt
345057018	Gulliver
345057023	Heatley
345057026	Hermit Park
345057027	Hyde Park-Mysterton
345057031	Magnetic Island
345057033	Mt Louisa-Mt St John-Bohle
345057034	Mundingburra
345057038	Murray
345057041	North Ward-Castle Hill
345057044	Oonoonba-Idalia-Cluden
345057047	Pallarenda-Shelley Beach
345057051	Pimlico
345057054	Railway Estate
345057058	Rosslea
345057062	Rowes Bay-Belgian Gardens
345057065	South Townsville
345057068	Stuart-Roseneath
345057071	Vincent
345057074	West End
345057078	Wulguru
345107005	Condon-Rasmussen-Bohle Basin
345107028	Kelso
345107030	Kirwan
345151900	Burdekin (S)
345152312	Charters Towers (R) - Charters Towers
345152314	Charters Towers (R) - Dalrymple
345153800	Hinchinbrook (S)
345155790	Palm Island (S)
345157043	Northern Beaches-Pinnacles
345157076	Woodstock-Cleveland-Ross
350052062	Cairns (R) - Barron
350052065	Cairns (R) - Central Suburbs
350052066	Cairns (R) - City
350052068	Cairns (R) - Mt Whitfield
350052072	Cairns (R) - Northern Suburbs
350052074	Cairns (R) - Trinity
350052076	Cairns (R) - Western Suburbs
350100250	Aurukun (S)
350102067	Cairns (R) - Douglas
350102078	Cairns (R) - Pt B
350102262	Cassowary Coast (R) - Cardwell

350102264	Cassowary Coast (R) - Johnstone
350102500	Cook (S)
350102600	Croydon (S)
350103100	Etheridge (S)
350103830	Hope Vale (S)
350104420	Kowanyama (S)
350104570	Lockhart River (S)
350104830	Mapoon (S)
350105670	Napranum (S)
350105781	Northern Peninsula Area (R) - Bamaga
350105783	Northern Peninsula Area (R) - Injinoo
350105784	Northern Peninsula Area (R) - New Mapoon
350105786	Northern Peninsula Area (R) - Seisia
350105788	Northern Peninsula Area (R) - Umagico
350106070	Pormpuraaw (S)
350106812	Tablelands (R) - Atherton
350106814	Tablelands (R) - Eacham
350106816	Tablelands (R) - Herberton
350106818	Tablelands (R) - Mareeba
350106950	Torres (S)
350106963	Torres Strait Island (R) - Badu
350106965	Torres Strait Island (R) - Boigu
350106968	Torres Strait Island (R) - Dauan
350106972	Torres Strait Island (R) - Erub
350106974	Torres Strait Island (R) - Hammond
350106976	Torres Strait Island (R) - Iama
350106978	Torres Strait Island (R) - Kubin
350106982	Torres Strait Island (R) - Mabuiag
350106984	Torres Strait Island (R) - Mer
350106986	Torres Strait Island (R) - Poruma
350106992	Torres Strait Island (R) - Saibai
350106993	Torres Strait Island (R) - St Pauls
350106995	Torres Strait Island (R) - Ugar
350106996	Torres Strait Island (R) - Warraber
350106998	Torres Strait Island (R) - Yorke
350107300	Weipa (T)
350107570	Wujal Wujal (S)
350107600	Yarrabah (S)
355051950	Burke (S)
355052250	Carpentaria (S)
355052450	Cloncurry (S)
355052770	Doomadgee (S)
355053200	Flinders (S)
355054800	McKinlay (S)
355055250	Mornington (S)
355055300	Mount Isa (C)
355056300	Richmond (S)
385019779	Migratory - Offshore - Shipping (Qld)
405052030	Gawler (T)
405055681	Playford (C) - East Central
405055683	Playford (C) - Elizabeth
405055684	Playford (C) - Hills
405055686	Playford (C) - West
405055688	Playford (C) - West Central
405055891	Port Adel. Enfield (C) - East
405055894	Port Adel. Enfield (C) - Inner
405057141	Salisbury (C) - Central
405057143	Salisbury (C) - Inner North
405057144	Salisbury (C) - North-East
405057146	Salisbury (C) - South-East
405057148	Salisbury (C) Bal
405057701	Tea Tree Gully (C) - Central
405057704	Tea Tree Gully (C) - Hills
405057705	Tea Tree Gully (C) - North
405057708	Tea Tree Gully (C) - South
405101061	Charles Sturt (C) - Coastal
405101064	Charles Sturt (C) - Inner East

405101065	Charles Sturt (C) - Inner West
405101068	Charles Sturt (C) - North-East
405105895	Port Adel. Enfield (C) - Coast
405105896	Port Adel. Enfield (C) - Park
405105897	Port Adel. Enfield (C) - Port
405108411	West Torrens (C) - East
405108414	West Torrens (C) - West
405108899	Unincorp. Western
405150070	Adelaide (C)
405150123	Adelaide Hills (DC) - Central
405150124	Adelaide Hills (DC) - Ranges
405150701	Burnside (C) - North-East
405150704	Burnside (C) - South-West
405150911	Campbelltown (C) - East
405150914	Campbelltown (C) - West
405155291	Norw. Pham St Ptrs (C) - East
405155294	Norw. Pham St Ptrs (C) - West
405156510	Prospect (C)
405157981	Unley (C) - East
405157984	Unley (C) - West
405158260	Walkerville (M)
405202601	Holdfast Bay (C) - North
405202604	Holdfast Bay (C) - South
405204061	Marion (C) - Central
405204064	Marion (C) - North
405204065	Marion (C) - South
405204341	Mitcham (C) - Hills
405204344	Mitcham (C) - North-East
405204345	Mitcham (C) - West
405205341	Onkaparinga (C) - Hackham
405205342	Onkaparinga (C) - Hills
405205343	Onkaparinga (C) - Morphett
405205344	Onkaparinga (C) - North Coast
405205345	Onkaparinga (C) - Reservoir
405205346	Onkaparinga (C) - South Coast
405205347	Onkaparinga (C) - Woodcroft
410050311	Barossa (DC) - Angaston
410050314	Barossa (DC) - Barossa
410050315	Barossa (DC) - Tanunda
410053650	Light (RegC)
410053920	Mallala (DC)
410102750	Kangaroo Island (DC)
410150125	Adelaide Hills (DC) - North
410150128	Adelaide Hills (DC) Bal
410154551	Mount Barker (DC) - Central
410154554	Mount Barker (DC) Bal
410200221	Alexandrina (DC) - Coastal
410200224	Alexandrina (DC) - Strathalbyn
410208050	Victor Harbor (C)
410208750	Yankalilla (DC)
415050430	Barunga West (DC)
415051560	Copper Coast (DC)
415058831	Yorke Peninsula (DC) - North
415058834	Yorke Peninsula (DC) - South
415058969	Unincorp. Yorke
415101140	Clare and Gilbert Valleys (DC)
415102110	Goyder (DC)
415108130	Wakefield (DC)
420050521	Berri and Barmera (DC) - Barmera
420050524	Berri and Barmera (DC) - Berri
420053791	Loxton Waikerie (DC) - East
420053794	Loxton Waikerie (DC) - West
420054210	Mid Murray (DC)
420056671	Renmark Paringa (DC) - Paringa
420056674	Renmark Paringa (DC) - Renmark
420059039	Unincorp. Riverland
420103080	Karoonda East Murray (DC)

420105040	Murray Bridge (RC)
420107290	Southern Mallee (DC)
420107800	The Coorong (DC)
420109109	Unincorp. Murray Mallee
425053360	Kingston (DC)
425055090	Naracoorte and Lucindale (DC)
425056860	Robe (DC)
425057630	Tatiara (DC)
425102250	Grant (DC)
425104620	Mount Gambier (C)
425108341	Wattle Range (DC) - East
425108344	Wattle Range (DC) - West
430051190	Cleve (DC)
430051750	Elliston (DC)
430051960	Franklin Harbour (DC)
430053220	Kimba (DC)
430053710	Lower Eyre Peninsula (DC)
430056300	Port Lincoln (C)
430057910	Tumby Bay (DC)
430058640	Wudinna (DC)
430059179	Unincorp. Lincoln
430101010	Ceduna (DC)
430107490	Streaky Bay (DC)
430109249	Unincorp. West Coast
435058540	Whyalla (C)
435059389	Unincorp. Whyalla
435155120	Northern Areas (DC)
435155400	Orroroo/Carrieton (DC)
435155540	Peterborough (DC)
435156451	Port Pirie C Dists (M) - City
435156454	Port Pirie C Dists (M) Bal
435159459	Unincorp. Pirie
435201830	Flinders Ranges (DC)
435204830	Mount Remarkable (DC)
435206090	Port Augusta (C)
435209529	Unincorp. Flinders Ranges
435250250	Anangu Pitjantjatjara (AC)
435251330	Cooper Pedy (DC)
435254000	Maralinga Tjarutja (AC)
435256970	Roxby Downs (M)
435259589	Unincorp. Far North
485019779	Migratory - Offshore - Shipping (SA)
505051310	Cambridge (T)
505051750	Claremont (T)
505052170	Cottesloe (T)
505055740	Mosman Park (T)
505056580	Nedlands (C)
505056930	Peppermint Grove (S)
505057081	Perth (C) - Inner
505057082	Perth (C) - Remainder
505057980	Subiaco (C)
505058570	Vincent (T)
505100350	Bassendean (T)
505100420	Bayswater (C)
505104200	Kalamunda (S)
505106090	Mundaring (S)
505108050	Swan (C)
505154171	Joondalup (C) - North
505154174	Joondalup (C) - South
505157914	Stirling (C) - Central
505157915	Stirling (C) - Coastal
505157916	Stirling (C) - South-Eastern
505158761	Wanneroo (C) - North-East
505158764	Wanneroo (C) - North-West
505158767	Wanneroo (C) - South
505201820	Cockburn (C)
505203150	East Fremantle (T)

505203431	Fremantle (C) - Inner
505203432	Fremantle (C) - Remainder
505204830	Kwinana (T)
505205320	Melville (C)
505207490	Rockingham (C)
505250210	Armadale (C)
505250490	Belmont (C)
505251330	Canning (C)
505253780	Gosnells (C)
505257700	Serpentine-Jarrahdale (S)
505257840	South Perth (C)
505258510	Victoria Park (T)
510015110	Mandurah (C)
510016230	Murray (S)
510031190	Bunbury (C)
510031401	Capel (S) - Pt A
510032661	Dardanup (S) - Pt A
510033991	Harvey (S) - Pt A
510100630	Boddington (S)
510101404	Capel (S) - Pt B
510101890	Collie (S)
510102664	Dardanup (S) - Pt B
510102870	Donnybrook-Balingup (S)
510103994	Harvey (S) - Pt B
510108820	Waroona (S)
510150280	Augusta-Margaret River (S)
510151260	Busselton (S)
510200770	Boyup Brook (S)
510200840	Bridgetown-Greenbushes (S)
510205180	Manjimup (S)
510206300	Nannup (S)
515051080	Broomehill-Tambellup (S)
515053640	Gnowangerup (S)
515054130	Jerramungup (S)
515054340	Katanning (S)
515054480	Kent (S)
515054550	Kojonup (S)
515059320	Woodanilling (S)
515100081	Albany (C) - Central
515100084	Albany (C) Bal
515102240	Cranbrook (S)
515102730	Denmark (S)
515107210	Plantagenet (S)
520050910	Brookton (S)
520052310	Cuballing (S)
520053010	Dumbleyung (S)
520056450	Narrogin (S)
520056520	Narrogin (T)
520057140	Pingelly (S)
520058610	Wagin (S)
520058680	Wandering (S)
520058890	West Arthur (S)
520059100	Wickepin (S)
520059170	Williams (S)
520102100	Corrigin (S)
520104620	Kondinin (S)
520104760	Kulin (S)
520104900	Lake Grace (S)
525051680	Chittering (S)
525052590	Dandaragan (S)
525053570	Gingin (S)
525056000	Moora (S)
525058540	Victoria Plains (S)
525100560	Beverley (S)
525102450	Cunderdin (S)
525102520	Dalwallinu (S)
525102940	Dowerin (S)

525103710	Goomalling (S)
525104690	Koorda (S)
525106732	Northam
525106735	Northam Town
525107350	Quairading (S)
525108190	Tammin (S)
525108330	Toodyay (S)
525109310	Wongan-Ballidu (S)
525109330	Wyalkatchem (S)
525109370	York (S)
525151120	Bruce Rock (S)
525154410	Kellerberrin (S)
525155460	Merredin (S)
525155880	Mount Marshall (S)
525155950	Mukinbudin (S)
525156370	Narembeen (S)
525156860	Nungarin (S)
525158400	Trayning (S)
525159030	Westonia (S)
525159360	Yilgarn (S)
530014281	Kalgoorlie/Boulder (C) - Pt A
530051960	Coolgardie (S)
530054284	Kalgoorlie/Boulder (C) - Pt B
530054970	Laverton (S)
530055040	Leonora (S)
530055390	Menzies (S)
530056620	Ngaanyatjarraku (S)
530103080	Dundas (S)
530103290	Esperance (S)
530107420	Ravensthorpe (S)
535033522	Geraldton
535033524	Greenough - Pt A
535051540	Carnarvon (S)
535053360	Exmouth (S)
535057770	Shark Bay (S)
535058470	Upper Gascoyne (S)
535102380	Cue (S)
535105250	Meekatharra (S)
535105810	Mount Magnet (S)
535106160	Murchison (S)
535107630	Sandstone (S)
535109250	Wiluna (S)
535109350	Yalgoo (S)
535151470	Carnamah (S)
535151610	Chapman Valley (S)
535152030	Coorow (S)
535153526	Greenough - Pt B
535154060	Irwin (S)
535155530	Mingenew (S)
535155670	Morawa (S)
535156020	Mullewa (S)
535156790	Northampton (S)
535157000	Perenjori (S)
535158260	Three Springs (S)
540053220	East Pilbara (S)
540057280	Port Hedland (T)
540100250	Ashburton (S)
540107560	Roebourne (S)
545053920	Halls Creek (S)
545059340	Wyndham-East Kimberley (S)
545100980	Broome (S)
545102800	Derby-West Kimberley (S)
585019779	Migratory - Offshore - Shipping (WA)
605050410	Brighton (M)
605051410	Clarence (C)
605051511	Derwent Valley (M) - Pt A
605052610	Glenorchy (C)

605052811	Hobart (C) - Inner
605052812	Hobart (C) - Remainder
605053611	Kingborough (M) - Pt A
605054811	Sorell (M) - Pt A
610051010	Central Highlands (M)
610051512	Derwent Valley (M) - Pt B
610052410	Glamorgan/Spring Bay (M)
610053010	Huon Valley (M)
610053612	Kingborough (M) - Pt B
610054812	Sorell (M) - Pt B
610055010	Southern Midlands (M)
610055210	Tasman (M)
615052211	George Town (M) - Pt A
615054011	Launceston (C) - Inner
615054012	Launceston (C) - Pt B
615054211	Meander Valley (M) - Pt A
615054611	Northern Midlands (M) - Pt A
615055811	West Tamar (M) - Pt A
615102212	George Town (M) - Pt B
615104013	Launceston (C) - Pt C
615104212	Meander Valley (M) - Pt B
615104612	Northern Midlands (M) - Pt B
615105812	West Tamar (M) - Pt B
615150210	Break O'Day (M)
615151810	Dorset (M)
615152010	Flinders (M)
620050611	Burnie (C) - Pt A
620050811	Central Coast (M) - Pt A
620051610	Devonport (C)
620053811	Latrobe (M) - Pt A
620055411	Waratah/Wynyard (M) - Pt A
620100612	Burnie (C) - Pt B
620100812	Central Coast (M) - Pt B
620101210	Circular Head (M)
620103210	Kentish (M)
620103410	King Island (M)
620103812	Latrobe (M) - Pt B
620105412	Waratah/Wynyard (M) - Pt B
620155610	West Coast (M)
685019779	Migratory - Offshore - Shipping (Tas.)
705051004	Alawa
705051008	Anula
705051011	Bayview-Woolner
705051014	Brinkin
705051018	City - Inner
705051024	Coconut Grove
705051026	Darwin Waterfront
705051028	Fannie Bay
705051034	Jingili
705051038	Karama
705051044	Larrakeyah
705051048	Leanyer
705051052	Lee Point-Leanyer Swamp
705051054	Ludmilla
705051058	Malak
705051064	Marrara
705051068	Millner
705051074	Moil
705051078	Nakara
705051084	Narrows
705051088	Nightcliff
705051094	Parap
705051098	Rapid Creek
705051104	Stuart Park
705051108	The Gardens
705051114	Tiwi
705051118	Wagaman

705051124	Wanguri
705051128	Winnellie
705051134	Wulagi
705051138	City - Remainder
705101169	East Arm
705102802	Bakewell
705102804	Driver
705102806	Durack
705102808	Gray
705102811	Gunn-Palmerston City
705102814	Moulden
705102818	Woodroffe
705102824	Palmerston (C) Bal
705202304	Litchfield (M) - Pt A
705202308	Litchfield (M) - Pt B
710050540	Belyuen (S)
710050700	Coomalie (S)
710051509	Finniss-Mary
710054560	Wagait (S)
710104050	Tiwi Islands (S)
710154663	West Arnhem (S) - Jabiru
710154666	West Arnhem (S) Bal
710250419	Alyangula
710251300	East Arnhem (S)
710252409	Nhulunbuy
710302200	Katherine (T)
710303600	Roper Gulf (S)
710304505	Victoria-Daly (S) - Wadeye and OS
710304508	Victoria-Daly (S) Bal
710350422	Barkly (S) - Tennant Creek
710350425	Barkly (S) Bal
710400201	Alice Springs (T) - Charles
710400203	Alice Springs (T) - Heavitree
710400205	Alice Springs (T) - Larapinta
710400207	Alice Springs (T) - Ross
710400208	Alice Springs (T) - Stuart
710400620	Central Desert (S)
710402330	MacDonnell (S)
710406059	Yulara
785019779	Migratory - Offshore - Shipping (NT)
805050089	Acton
805050189	Ainslie
805050639	Braddon
805050909	Campbell
805051449	City
805051889	Dickson
805051989	Downer
805052169	Duntroon
805053609	Hackett
805055049	Kowen
805055229	Lynham
805055769	Majura
805056389	O'Connor
805057209	Reid
805057479	Russell
805058289	Turner
805058559	Watson
805100279	Aranda
805100459	Belconnen Town Centre
805100549	Belconnen - SSD Bal
805100729	Bruce
805101179	Charnwood
805101629	Cook
805102139	Dunlop
805102259	Evatt
805102619	Florey
805102709	Flynn

805102889	Fraser
805103249	Giralang
805103879	Hawker
805103969	Higgins
805104149	Holt
805104779	Kaleen
805105139	Latham
805105409	McKellar
805105589	Macgregor
805105679	Macquarie
805105949	Melba
805106669	Page
805107569	Scullin
805107659	Spence
805108649	Weetangera
805151269	Chifley
805151719	Curtin
805152439	Farrer
805153069	Garran
805154239	Hughes
805154419	Isaacs
805155319	Lyons
805155859	Mawson
805156489	O'Malley
805156849	Pearce
805156939	Phillip
805158109	Torrens
805201089	Chapman
805202079	Duffy
805202529	Fisher
805204059	Holder
805207389	Rivett
805207749	Stirling
805207839	Stromlo
805208469	Waramanga
805208739	Weston
805208829	Weston Creek-Stromlo - SSD Bal
805250339	Banks
805250609	Bonython
805250819	Calwell
805251359	Chisholm
805251549	Conder
805252349	Fadden
805253159	Gilmore
805253289	Gordon
805253339	Gowrie
805253379	Greenway
805254509	Isabella Plains
805254869	Kambah
805255489	Macarthur
805256129	Monash
805256579	Oxley
805257289	Richardson
805258019	Theodore
805258189	Tuggeranong - SSD Bal
805258379	Wanniassa
805350369	Barton
805351809	Deakin
805352789	Forrest
805352979	Fyshwick
805353429	Griffith
805353789	Harman
805354329	Hume
805354589	Jerrabomberra
805354959	Kingston
805356219	Narrabundah
805356309	Oaks Estate

805356759	Parkes
805357029	Pialligo
805357119	Red Hill
805357929	Symonston
805358919	Yarralumla
805400239	Amaroo
805400589	Bonner
805400939	Casey
805401649	Crace
805402779	Forde
805402849	Franklin
805403519	Gungahlin
805403529	Gungahlin-Hall - SSD Bal
805403689	Hall
805403819	Harrison
805406039	Mitchell
805406249	Ngunnawal
805406279	Nicholls
805406719	Palmerston
810059009	Remainder of ACT
885019779	Migratory - Offshore - Shipping (ACT)
910051009	Jervis Bay Territory
910052009	Territory of Christmas Island
910053009	Territory of Cocos (Keeling) Islands
985019779	Migratory - Offshore - Shipping (OT)

Birthdate Verification

1004	Birth certificate
1006	Hospital certificate
1008	Passport
1009	Physician's certificate
1010	Previously verified school records
1011	State-issued ID
1012	Driver's license
1013	Immigration document/visa
3423	Other official document
3424	Other non-official document
9999	Other
N	Birthdate NOT Verified
Y	Documentation Sighted, type not recorded
ZZREDACTED	Redacted for privacy

Calendar Event

A code indicating the type of school day

0845	Teacher only day
0846	Holiday
0848	Student late arrival/early dismissal
0849	Emergency day
3421	Strike
9999	Other
INST	Instructional School Day
MKUP	Instructional day that is scheduled solely to make up for emergency days or early dismissal days.
ZZREDACTED	Redacted for privacy

Day Value Code

AM	Morning
Full	All Day
N/A	Not Applicable
Partial	Partial Day
PM	Afternoon
ZZREDACTED	Redacted for privacy

Dwelling Arrangement

1669	Boarding house
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1670	Cooperative house
1671	Crisis shelter
1672	Disaster shelter
1673	Residential school/dormitory
1674	Family residence - Both Parents/Guardians
1675	Foster home
1676	Institution
1677	Prison or juvenile detention center
1678	Rooming house
1679	Transient shelter
167I	Independent
167o	Family residence - One Parent/Guardian
1680	No home (Homeless Youth)
1681	Other dormitory
168A	Arranged by State - Out of Home Care
3425	Group home/halfway house
4000	Boarder
9999	Other
ZZREDACTED	Redacted for privacy

Education Agency Type

01	Jurisdictional agency
02	Cross-jurisdictional agency
03	Intra-jurisdictional agency
99	Other
ZZREDACTED	Redacted for privacy

Electronic Id Type

01	Barcode
02	Magstripe
03	PIN
04	RFID
ZZREDACTED	Redacted for privacy

Email Type

01	Primary
02	Alternate 1
03	Alternate 2
04	Alternate 3
05	Alternate 4
06	Work
07	Personal
ZZREDACTED	Redacted for privacy

Employment Type

Reference: ACARA Data Standards Manual - Parental occupation group

<https://www.acara.edu.au/reporting/data-standards-manual-student-background-characteristics>

1	Senior management in large business organisation, government administration and defence and qualified professionals.
2	Other business managers, arts/media/sportspersons and associate professionals
3	Tradesmen/women, clerks and skilled office, sales and service staff
4	Machine operators, hospitality staff, assistants, labourers and related workers
8	Out of employed work for 12 months or more (If less use previous occupational group.)
9	Unknown
ZZREDACTED	Redacted for privacy

English Proficiency

0	Not Stated/Inadequately described
1	Very well
2	Well
3	Not well
4	Not at all
9	Not Applicable - English is 'first language spoken' and do not 'speak a language other than English at home'.
ZZREDACTED	Redacted for privacy

Enrollment Time Frame

C	Current
F	Future
H	Historical
ZZREDACTED	Redacted for privacy

Entry Type

0997	Transfer from a different campus of the same school
0998	Temporary enrolment
1821	Transfer from a public school in the same district
1822	Transfer from a public school in a different district in the same jurisdiction
1823	Transfer from a public school in a different jurisdiction
1824	Transfer from a private, non-religiously-affiliated school in the same district
1825	Transfer from a private, non-religiously-affiliated school in a different district
1826	Transfer from a private, non-religiously-affiliated school in a different jurisdiction
1827	Transfer from a private, religiously-affiliated school in the same district
1828	Transfer from a private, religiously-affiliated school in a different district in the same jurisdiction
1829	Transfer from a private, religiously-affiliated school in a different jurisdiction
1830	Transfer from a school outside of the country
1831	Transfer from an institution
1833	Transfer from home schooling
1835	Re-entry from the same school with no interruption of schooling
1836	Re-entry after a voluntary withdrawal
1837	Re-entry after an involuntary withdrawal
1838	Original entry into an Australian school
1839	Original entry into an Australian school from a foreign country with no interruption in schooling
1840	Original entry into an Australian school from a foreign country with an interruption in schooling
9999	Other
ZZREDACTED	Redacted for privacy

Equipment Type

Source: SIF-AU (EquipmentInfo)

DesktopComputer	Desktop Computer
LaptopComputer	Laptop Computer
Other	Other
OverheadProjector	Overhead Projector
SlideProjector	Slide Projector
Tablet	Tablet
Vehicle	Vehicle
ZZREDACTED	Redacted for privacy

Exit/Withdrawal Status

1905	Permanent exit/withdrawal
1906	Temporary exit/withdrawal
9999	Unknown
ZZREDACTED	Redacted for privacy

Exit/Withdrawal Type

1907	Student is in a different public school in the same district
1908	Transferred to a public school in a different local education agency in the same jurisdiction
1909	Transferred to a public school in a different jurisdiction
1910	Transferred to a private, non-religiously-affiliated school in the district
1911	Transferred to a private, non-religiously-affiliated school in a different district in the same jurisdiction
1912	Transferred to a private, non-religiously-affiliated school in a different jurisdiction
1913	Transferred to a private, religiously-affiliated school in the same district
1914	Transferred to a private, religiously-affiliated school in a different district in the same jurisdiction
1915	Transferred to a private, religiously-affiliated school in a different jurisdiction
1916	Transferred to a school outside of the country
1917	Transferred to an institution
1918	Transferred to home schooling
1919	Transferred to a charter school
1921	Graduated with regular, advanced, International Baccalaureate, or other type of diploma
1922	Completed school with other credentials
1923	Died or is permanently incapacitated

1924	Withdrawn due to illness
1925	Expelled or involuntarily withdrawn
1926	Reached maximum age for services
1927	Discontinued schooling
1928	Completed grade 12, but did not meet all graduation requirements
1930	Enrolled in a postsecondary early admission program, eligible to return
1931	Not enrolled, unknown status
3499	Student is in the same local education agency and receiving education services, but is not assigned
3500	Enrolled in an adult education or training program
3501	Completed a state-recognized vocational education program
3502	Not enrolled, eligible to return
3503	Enrolled in a foreign exchange program, eligible to return
3504	Withdrawn from school, under the age for compulsory attendance; eligible to return
3505	Exited
3509	Completed with a state-recognized equivalency certificate
9998	Transferred to a different campus of the same school
9999	Other
ZZREDACTED	Redacted for privacy

Federal Electorate

Federal Electorates from the Australian Electoral Commission

101	Banks
102	Barton
103	Bennelong
104	Berowra
105	Blaxland
106	Bradfield
107	Calare
108	Charlton
109	Chifley
110	Cook
111	Cowper
112	Cunningham
113	Dobell
114	Eden-Monaro
115	Farrer
116	Fowler
117	Gilmore
118	Grayndler
119	Greenway
120	Gwydir (deprecated)
121	Hughes
122	Hume
123	Hunter
124	Kingsford Smith
125	Lindsay
126	Lowe (deprecated)
127	Lyne
128	Macarthur
129	Mackellar
130	Macquarie
130a	McMahon
131	Mitchell
132	New England
133	Newcastle
134	North Sydney
135	Page
136	Parkes
137	Parramatta
138	Paterson
139	Prospect (deprecated)
140	Reid
141	Richmond
142	Riverina
143	Robertson
144	Shortland

145	Sydney
146	Throsby
147	Warringah
148	Watson
149	Wentworth
150	Werriwa
199	Not Applicable (NSW)
201	Aston
202	Ballarat
203	Batman
204	Bendigo
205	Bruce
206	Calwell
207	Casey
208	Chisholm
209	Corangamite
210	Corio
211	Deakin
212	Dunkley
213	Flinders
214	Gellibrand
215	Gippsland
216	Goldstein
217	Gorton
218	Higgins
219	Holt
220	Hotham
221	Indi
222	Isaacs
223	Jagajaga
224	Kooyong
225	La Trobe
226	Lalor
227	Mallee
228	Maribymong
229	McEwen
230	McMillan
231	Melbourne
232	Melbourne Ports
233	Menzies
234	Murray
235	Scullin
236	Wannon
237	Wills
299	Not Applicable (VIC)
301	Blair
302	Bonner
303	Bowman
304	Brisbane
305	Capricornia
306	Dawson
307	Dickson
308	Fadden
309	Fairfax
310	Fisher
310a	Flynn
311	Forde
312	Griffith
313	Groom
314	Herbert
315	Hinkler
316	Kennedy
317	Leichhardt
318	Lilley
319	Longman
320	Maranoa
321	McPherson

322	Moncrieff
323	Moreton
324	Oxley
325	Petrie
326	Rankin
327	Ryan
328	Wide Bay
328a	Wright
399	Not Applicable (QLD)
401	Adelaide
402	Barker
403	Boothby
404	Grey
405	Hindmarsh
406	Kingston
407	Makin
408	Mayo
409	Port Adelaide
410	Sturt
411	Wakefield
499	Not Applicable (SA)
501	Brand
502	Canning
503	Cowan
504	Curtin
504a	Durack
505	Forrest
506	Fremantle
507	Hasluck
508	Kalgoorlie (deprecated)
509	Moore
510	O'Connor
511	Pearce
512	Perth
513	Stirling
514	Swan
515	Tangney
599	Not Applicable (WA)
601	Bass
602	Braddon
603	Denison
604	Franklin
605	Lyons
699	Not Applicable (TAS)
701	Lingiari
702	Solomon
799	Not Applicable (NT)
801	Canberra
802	Fraser
899	Not Applicable (ACT)
999	Not Applicable
ZZREDACTED	Redacted for privacy

FFPOS Status Code

Acceptable Values for Enrolled Full-fee Paying Overseas Student (FFPOS) Status.

Source Data: NSSC Data Collection Manual 2012

1	FFPOS
2	Non-FFPOS
9	Not stated/Unknown
ZZREDACTED	Redacted for privacy

FTPT Status Code

01	Full Time
02	Part Time
ZZREDACTED	Redacted for privacy

Immunisation Certificate Status

C	Complete
I	Incomplete
N	Not Sighted
ZZREDACTED	Redacted for privacy

Indigenous Status

Reference: ACARA Data Standards Manual - Indigenous status

<https://www.acara.edu.au/reporting/data-standards-manual-student-background-characteristics>

1	Aboriginal but not Torres Strait Islander Origin
2	Torres Strait Islander but not Aboriginal Origin
3	Both Torres Strait and Aboriginal Origin
4	Neither Aboriginal or Torres Strait Origin
9	Not Stated/Unknown
ZZREDACTED	Redacted for privacy

Language Type

1	Main Language Spoken at Home
2	Main Language Other Than English Spoken at Home
3	First Language Spoken
4	Language Spoken at Home
5	Language of Greatest Competency
6	Preferred Language
9	Other
ZZREDACTED	Redacted for privacy

LearningStandardItem Relationship Types

Content	A link to another state or school content standard.
PD	Personal Development
State	A link to a standard from another state. The purpose of this is to express relationships between state standards.
ZZREDACTED	Redacted for privacy

Marital Status AIHW

MaritalStatus - AIHW

<http://meteor.aihw.gov.au/content/index.phtml/itemId/291045>

From Meteor - Australian Institute of Health and Welfare

1	Never Married
2	Widowed
3	Divorced
4	Separated
5	Married (registered and de facto)
6	Not stated/inadequately described
ZZREDACTED	Redacted for privacy

Medium of Instruction

Source: US 2.6 0209 Medium Of Instruction

0603	Technology-based instruction in classroom
0604	Correspondence instruction
0605	Face-to-face instruction
0608	Virtual/On-line Distance learning
0609	Center-based instruction
0610	Independent study
0611	Internship
9999	Other
ZZREDACTED	Redacted for privacy

Name Usage Type

AKA	Also known as or alias
BTH	Name at Birth
LGL	Legal Name of the client as defined by the organisation which collects it (legal not defined in this standard)
MDN	Maiden Name

NEW	New born identification name
OTH	Non specific name usage type
PRF	Preferred name
PRV	Previous name
STG	Stage name
TRB	Tribal Name
ZZREDACTED	Redacted for privacy

NAP Jurisdiction

1	New South Wales
2	Victoria
3	Queensland
4	South Australia
5	Western Australia
6	Tasmania
7	Western Australia
8	Australian Capital Territory
9	Other Territories

NAP Participation Code

This codeset has been introduced to enumerate the status of a student participating in a NAPLAN event. Derived from valid values in the AD Assessment Delivery Platform.

A	Absent
C	Cancelled
E	Exempt
P	Present
R	Refused
S	Sanctioned Abandonment
W	Withdrawn
X	No Longer Enrolled

NAP Response Correctness

Correct	Correct
Incorrect	Incorrect
NotAttempted	NotAttempted
NotInPath	NotInPath

NAP Test Domain

Grammar and Punctuation	Grammar and Punctuation
Numeracy	Numeracy
Reading	Reading
Spelling	Spelling
Writing	Writing

NAP Test Item Marking Type

AES	Auto Essay Scoring
AS	Auto Scoring
MM	Manual Marking

NAP Test Item Type

CO	Composite
ET	Extended text
HS	Hot spot
HT	Hot text
IA	Interactive associate
IC	Inline choice
IGA	Interactive graphic associate
IGGM	Interactive graphic gap match
IGM	Interactive gap match
IGO	Interactive graphic order
IM	Interactive match
IO	Order interaction
MC	Multiple choice

MCS	Multiple choices
PO	Position object
SL	Slider
SP	Select point
TE	Text entry
Unknown	Unknown

NAP Test Type

Equating	Equating
Normal	Normal

NAP Writing Genre

Narrative	Narrative
Persuasive	Persuasive

Non-School Education

Reference: ACARA Data Standards Manual - Parental non-school education

<https://www.acara.edu.au/reporting/data-standards-manual-student-background-characteristics>

0	Not stated/Unknown
5	Certificate I to IV (including trade certificate)
6	Advanced diploma/Diploma
7	Bachelor degree or above
8	No non-school qualification
ZZREDACTED	Redacted for privacy

Operational Status

B	Building or Construction Started
C	Closed
O	Open
P	Pending
S	Site
U	Unstaffed
ZZREDACTED	Redacted for privacy

Permanent Resident Status

99	Unknown
N	Not a Resident
P	Permanent Resident
T	Temporary Resident
ZZREDACTED	Redacted for privacy

Picture Source

01	URL
02	JPG
03	Bitmap
04	Gif
05	PIF
06	PDF
09	Other
10	MIME
ZZREDACTED	Redacted for privacy

PNP Code

This codeset has been compiled for the Personal Needs and Preferences for students sitting NAPLAN. Source: ACARA

AAM	Alternative Items: both audio and motor assistive
AIA	Alternative items - audio
AIM	Alternative items - motor assistive
AIV	Alternative items - visual
ALL	Alternative Items: audio, visual and motor assistive
AST	Assistive technology
AVM	Alternative Items: both video and motor assistive
BRA	Braille hardcopy

COL	Colour contrast modification
ETA	Extra Time - 5 mins per 30 min or part thereof
ETB	Extra Time - 10 mins per 30 min or part thereof
ETC	Extra Time - 15 mins per 30 min or part thereof
OSS	Oral sign/support
RBK	Rest break
SCR	Scribe
SUP	NAPLAN Support person

Program Funding Source Code

1	State/Jurisdiction
2	Commonwealth Initiative
3	School Source
4	Director's Discretion
5	Community Sponsored
9	Other
ZZREDACTED	Redacted for privacy

Progress Level

Above	Above level
At	At level
Below	Below level
ZZREDACTED	Redacted for privacy

Public School Catchment Status

1652	Resident of usual school catchment area
1653	Resident of another school catchment area
9999	Unknown
ZZREDACTED	Redacted for privacy

Receiving Location Of Instruction

Source: US 2.6 0171 Receiving Location Of Instruction/Service

0340	In school
0341	Other K-12 educational institution
0342	Postsecondary facility
0752	Community facility
0754	Hospital
0997	Business
2192	Home
3018	Library/media centre
3506	Mobile
9999	Other
ZZREDACTED	Redacted for privacy

Relationship To Student

01	Parent
02	Step-Parent
03	Adoptive Parent
04	Foster Parent
05	Host Family
06	Relative
07	Friend
08	Self
09	Other
10	Sibling
11	Grandparent
12	Aunt/Uncle
13	Nephew/Niece
20	Guardian
99	Not provided
ZZREDACTED	Redacted for privacy

Resource Usage Content Type

Set of the types of resource to be tracked by the ResourceUsage Object

01	Internet Usage
09	Other Usage
ZZREDACTED	Redacted for privacy

Scheduled Activity Type

Source: SIF-AU (Scheduled Activity)

Duty	Yard duty (cyclical)
Event	Anything else (one-off)
Exam	Exam (one-off)
Excursion	Excursion (one-off)
ExtraCurricular	Music, sport, chess club etc (cyclical)
Incursion	Excursion held on campus (one-off)
RollClass	Morning roll-call (cyclical)
RosteredTimeOff	Rostered Time Off (cyclical)
StaffMeeting	Staff Meeting (cyclical)
Study	Supervised study for students with gaps in their timetables (cyclical)
TeachingClass	Classroom teaching (cyclical)
ZZREDACTED	Redacted for privacy

School Co-Ed Status

Sourced from DEEWR

C	Co-Educational
F	Female
M	Male
ZZREDACTED	Redacted for privacy

School Education Level Type

Reference: ACARA Data Standards Manual - Parental school education

<https://www.acara.edu.au/reporting/data-standards-manual-student-background-characteristics>

0	Not stated/Unknown
1	Year 9 or equivalent or below
2	Year 10 or equivalent
3	Year 11 or equivalent
4	Year 12 or equivalent
ZZREDACTED	Redacted for privacy

School Enrollment Type

01	Home School
02	Other School
03	Concurrent Enrolment
ZZREDACTED	Redacted for privacy

School Focus Code

01	Regular
02	Special Ed
03	Alternate
04	Vocational
98	Other
99	Not Provided
ZZREDACTED	Redacted for privacy

School Level

Camp	Camp
Commty	Community College
EarlyCh	Early Childhood
JunPri	Junior Primary
Kgarten	Kindergarten only
Kind	Preschool/Kindergarten
Lang	Language

MCH	Maternal Child Health Centre
Middle	Middle School
Other	Other
PreSch	PreSchool only
Pri/Sec	Primary/Secondary Combined
Prim	Primary
Sec	Secondary
Senior	Senior Secondary School
Spec/P-12	Special/Primary/Secondary Combined
Spec/Pri	Special/Primary Combined
Spec/Sec	Special/Secondary Combined
Special	Special
Specif	Specific Purpose
Supp	SupportCentre
Unknown	Unknown
ZZREDACTED	Redacted for privacy

School Location

This Code Set is union between the Australian Statistical Geography Standard (ASGS): <http://www.abs.gov.au/ausstats/abs@.nsf/PrimaryMainFeatures/1270.0.55.001?OpenDocument>

In previous versions the ARIA definition of Remoteness has been used for this validation. For the publication of ACARA's Australian Schools List (ASL) the ASGS validation is also supported.

1	Metropolitan Zone
1.1	State Capital regions - State Capitals (except Hobart, Darwin)
1.2	Major urban Statistical Districts (Pop >=100 000)
2	Provincial Zone
3	Remote Zone
10	Major Cities of Australia - New South Wales
11	Inner Regional Australia - New South Wales
12	Outer Regional Australia - New South Wales
13	Remote Australia - New South Wales
14	Very Remote Australia - New South Wales
15	Migratory - Offshore - Shipping (NSW)
19	No usual address (NSW)
2.1.1	Provincial City Statistical Districts (Pop 50 000 - 99 999)
2.1.2	Provincial City Statistical Districts (Pop 25 000 - 49 999)
2.2.1	Inner Provincial areas (CD ARIA Plus score <= 2.4)
2.2.2	Outer Provincial areas (CD ARIA Plus score > 2.4 and <= 5.92)
20	Major Cities of Australia - Victoria
21	Inner Regional Australia - Victoria
22	Outer Regional Australia - Victoria
23	Remote Australia - Victoria
25	Migratory - Offshore - Shipping (Vic.)
29	No usual address (Vic.)
3.1	Remote areas (CD ARIA Plus score > 5.92 and <= 10.53)
3.2	Very Remote areas (CD ARIA Plus score > 10.53)
30	Major Cities of Australia - Queensland
31	Inner Regional Australia - Queensland
32	Outer Regional Australia - Queensland
33	Remote Australia - Queensland
34	Very Remote Australia - Queensland
35	Migratory - Offshore - Shipping (Qld)
39	No usual address (Qld)
40	Major Cities of Australia - South Australia
41	Inner Regional Australia - South Australia
42	Outer Regional Australia - South Australia
43	Remote Australia - South Australia
44	Very Remote Australia - South Australia
45	Migratory - Offshore - Shipping (SA)
49	No usual address (SA)
50	Major Cities of Australia - Western Australia
51	Inner Regional Australia - Western Australia
52	Outer Regional Australia - Western Australia
53	Remote Australia - Western Australia
54	Very Remote Australia - Western Australia
55	Migratory - Offshore - Shipping (WA)

59	No usual address (WA)
61	Inner Regional Australia - Tasmania
62	Outer Regional Australia - Tasmania
63	Remote Australia - Tasmania
64	Very Remote Australia - Tasmania
65	Migratory - Offshore - Shipping (Tas.)
69	No usual address (Tas.)
72	Outer Regional Australia - Northern Territory
73	Remote Australia - Northern Territory
74	Very Remote Australia - Northern Territory
75	Migratory - Offshore - Shipping (NT)
79	No usual address (NT)
80	Major Cities of Australia - Australian Capital Territory
81	Inner Regional Australia - Australian Capital Territory
85	Migratory - Offshore - Shipping (ACT)
89	No usual address (ACT)
91	Inner Regional Australia
94	Very Remote Australia
95	Migratory - Offshore - Shipping (OT) Other Territories
99	No usual address (OT) Other Territories
ZZREDACTED	Redacted for privacy

School Sector Code

Sourced from DEEWR

Gov	Government School
NG	Non-Government School
ZZREDACTED	Redacted for privacy

School System

Codes provided by DEEWR

0001	Catholic
0002	Anglican
0003	Lutheran
0004	Seventh Day Adventist
9999	Other
ZZREDACTED	Redacted for privacy

Session Type

0827	Full school year
0828	Semester
0829	Trimester
0830	Quarter
0832	Mini-term
0833	Summer term
0837	Twelve month
9999	Other
ZZREDACTED	Redacted for privacy

Sex Code

Reference:ACARA Data Standards Manual - Technical Specs - Sex

<https://www.acara.edu.au/reporting/data-standards-manual-student-background-characteristics>

1	Male
2	Female
3	Intersex or indeterminate
9	Not Stated/Inadequately Described
ZZREDACTED	Redacted for privacy

Source Code Type

C	Provided by the child (ie pupil)
O	Other
P	Provided by the parent
S	Ascribed by the current school
T	Ascribed by a previous school

Staff Activity

Describes the Activity of a Staff Member in a StaffAssignment

Proposed by SIF AU for 1.1

1100	Teacher in school n.f.d.
1101	Primary Teacher
1102	Secondary teacher
1103	Principal
1104	Special School Teacher
1105	Assistant Principal
1106	Teacher Librarian
1199	Other Teacher In School
1200	Specialist support in school n.f.d.
1201	Nurse
1202	Physiotherapist
1203	Speech Therapist
1204	Guidance Officer
1205	Psychologist
1206	Social worker
1207	Student welfare worker
1208	Indigenous Education Worker
1299	Other Specialist support in school
1300	Administration and clerical in school n.f.d.
1301	Teacher Aide
1302	Librarian - in school Administration
1303	Office Manager
1304	Clerical/Administrative officer
1305	Clerical/Administrative assistant
1306	Laboratory assistant
1307	ICT Officer
1399	Other Administration and clerical in school
1400	Building Operations in school n.f.d.
1401	Building maintenance worker - in school
1402	Gardener - in school
1403	Canteen assistant - in school
1404	Farm Worker - in school
1405	Bus Driver - in school
1406	Caretaker - in school
1499	Other Building Operations and general maintenance - In school
1999	In School Staff out of scope
2100	Executive n.f.d.
2101	Chief Executive
2102	Deputy Chief Executive
2103	General Manager
2198	Principal and other School Executive out of school
2199	Other Executive
2200	Specialist support out of scope n.f.d.
2201	Community Participation Officer
2202	Computer Support Officer
2203	Coordinator - out of school Specialist Support
2204	Curriculum Officer
2205	Curriculum Program Manager
2206	Education Officer - out of school Specialist Support
2207	Education Program Manager
2208	Home Liaison Officer
2209	Learning Support Leader
2210	Librarian - out of school Specialist Support
2211	Moderator
2212	Occupational Therapist
2213	On-line Education Officer
2214	Policy Officer - out of school Specialist Support
2215	Principal Education Officer
2216	Professional Services Officer
2217	Project Coordinator
2218	Registered Nurse

2219	Senior Education Officer
2220	Social Welfare Officer
2221	Speech Language Pathologist
2222	Sports Coordinator
2223	Staff Development Officer
2224	Training Officer - out of school Specialist Support
2298	Teachers - out of school Specialist Support
2299	Other specialist support out of school
2300	Administration and clerical out of school n.f.d.
2301	Accounts Certifying Officer
2302	Administrative and Clerical officer
2303	Administrative Assistant
2304	Administrative Officer
2305	Budget Officer
2306	Clerk
2307	Finance and Administration Officer
2308	Finance Officer
2309	General Ledger Officer
2310	Receptionist
2311	Senior Auditor
2312	Services Clerk
2313	Aboriginal Education Coordinator
2314	Aboriginal Education Worker
2315	Assistant Manager
2316	Client Services Officer
2317	Coordinator - out of school Administration
2318	District Officer
2319	Education Officer - out of school Administration
2320	Enrolment Officer
2321	Examiner
2322	Liaison Officer
2323	Librarian - out of school Administration
2324	Library Technician
2325	Manager
2326	Operational Services Officer
2327	Professional Officers
2328	Program Coordinator
2329	Project Manager
2330	Project Officer
2331	Project Support Officer
2332	Public Servant
2333	School Services Officer
2334	School Support Officer
2335	Senior Investigator
2336	Senior Professional Officers
2337	Senior Project Officer/Project Officer
2338	Student Services co ordinator
2339	Student Support Officer
2340	Assistant Editor
2341	Communications Officer
2342	Corporate Services Officer
2343	Designer
2344	Desktop Publisher
2345	Editor
2346	Graphic Designer
2347	Journalist/Media and Marketing
2348	Photographer
2349	Printer
2350	Production Officer/Coordinator
2351	Public Relations Officer
2352	Advisor
2353	Executive Assistant
2354	Executive Officer
2355	Executive Secretary
2356	Personal Assistant
2357	Secretary
2358	Human Resources Services Officer

2359	Personnel (and Payroll) Officer
2360	Personnel Officer
2361	Recruitment Officer
2362	Training Officer - out of school Administration
2363	Workers Compensation Officer
2364	Workforce Management Officer
2365	Audio Visual Communications Program Officer
2366	Business Systems Analyst
2367	Computer Systems Officer
2368	Computer Technician
2369	Data Management Officer
2370	Information Analyst
2371	Information Manager
2372	Information Officer
2373	Information Technology Officers
2374	Network Administrator
2375	Policy Officer n.f.d.
2376	Performance Measurement Officer
2377	Policy Officer - out of school Administration
2378	Research Officer
2379	Review Officer
2380	Senior Research Officer/Research Officer
2381	Other policy officer
2382	Despatch Officer
2383	Driver
2384	Facilities Services Officer
2385	Housing and Transport Officer
2386	Indexer
2387	Legal Officer
2388	Store Person
2389	Store Supervisor
2390	Supply Officer
2391	Team Leader
2392	Technical Officer - out of school Administration
2393	Technician
2394	Transport Officer
2397	Public service officers n.f.d.
2398	Teachers - Out of School Administration
2399	Other Administration and clerical out of school
2400	Building Operations out of school n.f.d.
2401	Building maintenance worker - out of school
2402	Bus Driver - out of school
2403	Canteen assistant - out of school
2404	Caretaker - out of school
2405	Cook
2406	Courier
2407	Farm Worker - out of school
2408	Gardener - out of school
2409	Greenkeeper
2410	Groundsman
2411	Handyman
2412	House Officer
2413	Janitor
2414	Kitchen Hand
2415	Maintenance Officer
2416	School Attendant
2417	Security Officer
2418	Technical Officer - out of school Building Operations
2499	Other Building Operations and general maintenance out of school
2999	Out of School Staff out of scope
ZZREDACTED	Redacted for privacy

Staff Status

Set of possible values of Staff Status with employing organisation.

A	Active
I	Inactive

0	On Leave
5	Suspended
ZZREDACTED	Redacted for privacy

Standard Australian Classification of Countries (SACC)

1269.0 Standard Australian Classification of Countries (SACC), 2016

Source Data ABS: <http://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1269.02016?OpenDocument>

0000	Inadequately Described
0001	At Sea
0003	Not Stated
0004	Unknown (for use in economic statistics: the destination or origin of the goods is unknown)
0005	Unidentified (for use in economic statistics: the country reported on import/export documentation is not recognised)
0611	Europe
0612	Europe and the former USSR
0613	Former USSR
0614	Asia
0615	East Asia
0616	Africa
0701	Africa, nec
0702	Americas, nec
0703	Asia, nec
0704	Belgium and Luxembourg
0705	Central America and the Caribbean (excludes Mexico)
0706	Christmas Island
0707	Cocos (Keeling) Islands
0708	Country Conf. Alumina (a secondary (International Trade specific) confidentiality restriction for exports of alumina to specific countries)
0711	Denmark (includes Greenland and Faroe Islands)
0712	Eurodollar Market
0713	Europe, nec
0714	Falkland Islands (includes South Georgia and South Sandwich Islands)
0715	France (includes Andorra and Monaco)
0716	French Antilles (Guadeloupe and Martinique)
0717	French Southern Territories
0718	International Capital Markets
0721	International Institutions
0722	International Waters (goods placed in the ocean outside any territorial waters or exclusive economic zone)
0723	Italy (includes Holy See and San Marino)
0724	Johnston and Sand Islands
0725	Midway Islands
0726	Morocco (includes places under Spanish sovereignty)
0727	No Country Details (overseas country detail for exports not available due to a confidentiality restriction)
0728	Oceania, nec
0741	Reserve Bank Gold (gold, held by the Reserve Bank of Australia as part of reserve assets, that cannot be allocated by country)
0742	Ships' and Aircraft Stores (stores, including fuel, loaded onto foreign registered ships and aircraft)
0743	Switzerland (includes Liechtenstein)
0744	United States Miscellaneous Islands
0745	Wake Island
0746	Australia (includes External Territories, Australian Antarctic Territory and Norfolk Island)
0747	JPDA (Joint Petroleum Development Area - administered by Australia and Timor-Leste)
0911	Europe, nfd
0912	Former USSR, nfd
0913	Former Yugoslavia, nfd
0914	Czechoslovakia, nfd
0915	Kurdistan, nfd
0916	East Asia, nfd
0917	Asia, nfd
0918	Africa, nfd
0921	Serbia and Montenegro, nfd
0922	Channel Islands, nfd
0924	Netherlands Antilles, nfd
1000	Oceania and Antarctica, nfd
1100	Australia (includes External Territories, nfd)
1101	Australia
1102	Norfolk Island
1199	Australian External Territories, nec
1201	New Zealand

1300	Melanesia, nfd
1301	New Caledonia
1302	Papua New Guinea
1303	Solomon Islands
1304	Vanuatu
1400	Micronesia, nfd
1401	Guam
1402	Kiribati
1403	Marshall Islands
1404	Micronesia, Federated States of
1405	Nauru
1406	Northern Mariana Islands
1407	Palau
1500	Polynesia (excludes Hawaii), nfd
1501	Cook Islands
1502	Fiji
1503	French Polynesia
1504	Niue
1505	Samoa
1506	Samoa, American
1507	Tokelau
1508	Tonga
1511	Tuvalu
1512	Wallis and Futuna
1513	Pitcairn Islands
1599	Polynesia (excludes Hawaii), nec
1600	Antarctica, nfd
1601	Adelie Land (France)
1602	Argentinian Antarctic Territory
1603	Australian Antarctic Territory
1604	British Antarctic Territory
1605	Chilean Antarctic Territory
1606	Queen Maud Land (Norway)
1607	Ross Dependency (New Zealand)
2000	North-West Europe, nfd
2100	United Kingdom, Channels Islands and Isle of Man, nfd
2102	England
2103	Isle of Man
2104	Northern Ireland
2105	Scotland
2106	Wales
2107	Guernsey
2108	Jersey
2201	Ireland
2300	Western Europe, nfd
2301	Austria
2302	Belgium
2303	France
2304	Germany
2305	Liechtenstein
2306	Luxembourg
2307	Monaco
2308	Netherlands
2311	Switzerland
2400	Northern Europe, nfd
2401	Denmark
2402	Faroe Islands
2403	Finland
2404	Greenland
2405	Iceland
2406	Norway
2407	Sweden
2408	Aland Islands
3000	Southern and Eastern Europe, nfd
3100	Southern Europe, nfd
3101	Andorra
3102	Gibraltar

3103	Holy See
3104	Italy
3105	Malta
3106	Portugal
3107	San Marino
3108	Spain
3200	South Eastern Europe, nfd
3201	Albania
3202	Bosnia and Herzegovina
3203	Bulgaria
3204	Croatia
3205	Cyprus
3206	The former Yugoslav Republic of Macedonia
3207	Greece
3208	Moldova
3211	Romania
3212	Slovenia
3214	Montenegro
3215	Serbia
3216	Kosovo
3300	Eastern Europe, nfd
3301	Belarus
3302	Czech Republic
3303	Estonia
3304	Hungary
3305	Latvia
3306	Lithuania
3307	Poland
3308	Russian Federation
3311	Slovakia
3312	Ukraine
4000	North Africa and the Middle East, nfd
4100	North Africa, nfd
4101	Algeria
4102	Egypt
4103	Libya
4104	Morocco
4105	Sudan
4106	Tunisia
4107	Western Sahara
4108	Spanish North Africa
4111	South Sudan
4200	Middle East, nfd
4201	Bahrain
4202	Gaza Strip and West Bank
4203	Iran
4204	Iraq
4205	Israel
4206	Jordan
4207	Kuwait
4208	Lebanon
4211	Oman
4212	Qatar
4213	Saudi Arabia
4214	Syria
4215	Turkey
4216	United Arab Emirates
4217	Yemen
5000	South-East Asia, nfd
5100	Mainland South-East Asia, nfd
5101	Myanmar
5102	Cambodia
5103	Laos
5104	Thailand
5105	Vietnam
5200	Maritime South-East Asia, nfd
5201	Brunei Darussalam

5202	Indonesia
5203	Malaysia
5204	Philippines
5205	Singapore
5206	Timor-Leste
6000	North-East Asia, nfd
6100	Chinese Asia (includes Mongolia), nfd
6101	China (excludes SARs and Taiwan)
6102	Hong Kong (SAR of China)
6103	Macau (SAR of China)
6104	Mongolia
6105	Taiwan
6200	Japan and the Koreas, nfd
6201	Japan
6202	Korea, Democratic People's Republic of (North)
6203	Korea, Republic of (South)
7000	Southern and Central Asia, nfd
7100	Southern Asia, nfd
7101	Bangladesh
7102	Bhutan
7103	India
7104	Maldives
7105	Nepal
7106	Pakistan
7107	Sri Lanka
7200	Central Asia, nfd
7201	Afghanistan
7202	Armenia
7203	Azerbaijan
7204	Georgia
7205	Kazakhstan
7206	Kyrgyzstan
7207	Tajikistan
7208	Turkmenistan
7211	Uzbekistan
8000	Americas, nfd
8100	Northern America, nfd
8101	Bermuda
8102	Canada
8103	St Pierre and Miquelon
8104	United States of America
8200	South America, nfd
8201	Argentina
8202	Bolivia
8203	Brazil
8204	Chile
8205	Colombia
8206	Ecuador
8207	Falkland Islands
8208	French Guiana
8211	Guyana
8212	Paraguay
8213	Peru
8214	Suriname
8215	Uruguay
8216	Venezuela
8299	South America, nec
8300	Central America, nfd
8301	Belize
8302	Costa Rica
8303	El Salvador
8304	Guatemala
8305	Honduras
8306	Mexico
8307	Nicaragua
8308	Panama
8400	Caribbean, nfd

8401	Anguilla
8402	Antigua and Barbuda
8403	Aruba
8404	Bahamas
8405	Barbados
8406	Cayman Islands
8407	Cuba
8408	Dominica
8411	Dominican Republic
8412	Grenada
8413	Guadeloupe
8414	Haiti
8415	Jamaica
8416	Martinique
8417	Montserrat
8421	Puerto Rico
8422	St Kitts and Nevis
8423	St Lucia
8424	St Vincent and the Grenadines
8425	Trinidad and Tobago
8426	Turks and Caicos Islands
8427	Virgin Islands, British
8428	Virgin Islands, United States
8431	St Barthelemy
8432	St Martin (French part)
8433	Bonaire, Sint Eustatius and Saba
8434	Curacao
8435	Sint Maarten (Dutch part)
9000	Sub-Saharan Africa, nfd
9100	Central and West Africa, nfd
9101	Benin
9102	Burkina Faso
9103	Cameroon
9104	Cabo Verde
9105	Central African Republic
9106	Chad
9107	Congo, Republic of
9108	Congo, Democratic Republic of
9111	Cote d'Ivoire
9112	Equatorial Guinea
9113	Gabon
9114	Gambia
9115	Ghana
9116	Guinea
9117	Guinea-Bissau
9118	Liberia
9121	Mali
9122	Mauritania
9123	Niger
9124	Nigeria
9125	Sao Tome and Principe
9126	Senegal
9127	Sierra Leone
9128	Togo
9200	Southern and East Africa, nfd
9201	Angola
9202	Botswana
9203	Burundi
9204	Comoros
9205	Djibouti
9206	Eritrea
9207	Ethiopia
9208	Kenya
9211	Lesotho
9212	Madagascar
9213	Malawi
9214	Mauritius

9215	Mayotte
9216	Mozambique
9217	Namibia
9218	Reunion
9221	Rwanda
9222	St Helena
9223	Seychelles
9224	Somalia
9225	South Africa
9226	Swaziland
9227	Tanzania
9228	Uganda
9231	Zambia
9232	Zimbabwe
9299	Southern and East Africa, nec

State Territory Code

ACT	Australian Capital Territory
NSW	New South Wales
NT	Northern Territory
OTH	Other Territories
QLD	Queensland
SA	South Australia
TAS	Tasmania
VIC	Victoria
WA	Western Australia
XXX	Not Provided
ZZREDACTED	Redacted for privacy

Student/Family Program Type

0100	Agricultural
0240	Regular prekindergarten program
0241	Infant and toddlers program
0242	Special education services for Birth-Age 2
0244	Special education services for preschoolers
0245	Migrant early childhood program
0246	Head Start
0247	Day care
0248	After school child care
0249	Alternative education program
0250	Before school child care
0251	Bilingual education
0252	Community service projects
0253	Compensatory education
0255	Counseling
0256	English as a second language
0257	Free and reduced price school meals programs
0260	Hearing or vision screening
0261	Higher order thinking skills
0262	Medical services
0263	Programs for migrants during the school year
0265	Programs for migrants during the summer
0267	Reading/literacy
0268	School supplies
0269	Services for out-of-school youth
0270	Special education program
0271	Special (one-time) events
0272	Student assistance programs such as counseling, mentoring, identification and referral
0273	Summer child care
0277	Transportation
0278	Tutoring/remedial instruction
0279	Academic/instructional program in regular education
0280	Adult basic education/remedial instruction
0281	Child care so that parents can attend school meetings
0282	Continuing professional education
0283	Health or social services

0284	Literacy
0285	Occupational education
0286	Orientation to school setting for new families
0287	Parent training/involvement
0288	Parenting education
0289	Recreational/advocational program
0342	Technology
0875	After school enrichment
0876	Before school enrichment
2381	Gifted and talented (Accelerated)
2389	Even Start
2393	Magnet program
9999	Other
ZZREDACTED	Redacted for privacy

Systemic Status

Codes provided by DEEWR

N	Non-Systemic
S	Systemic
ZZREDACTED	Redacted for privacy

Teacher Cover Credit

Source: SIF-AU (Scheduled Activity)

Casual	The event is supervised by a casual teacher
Extra	The cover counts towards the teacher's extras quota
In-Lieu	The cover is taken as replacement for a cancelled class
Underload	The cover is not counted as an extra because the teacher is underloaded on the cyclical timetable
ZZREDACTED	Redacted for privacy

Teacher Cover Supervision

Source: SIF-AU (Scheduled Activity)

MergedClass	The event is a merged class
MinimalSupervision	Minimal supervision
Normal	Normal supervision
ZZREDACTED	Redacted for privacy

Telephone Number Type

0096	Main telephone number
0350	Alternate telephone number
0359	Answering service
0370	Beeper number
0400	Appointment telephone number
0426	Telex number
0437	Telemail
0448	Voice mail
0478	Instant messaging number
0486	Media conferencing number
0777	Home Telephone Number
0779	Home Mobile
0887	Work Telephone Number
0888	Mobile
0889	Work Mobile
2364	Facsimile number
ZZREDACTED	Redacted for privacy

Visa Sub Class

From <http://www.border.gov.au/> Australian Government - Department of Immigration and Border Protection: Updated from Source Data on 28 February, 2017 - Refer to: <http://www.border.gov.au/Trav/Visa-1/Visa-listing>

10	Bridging Visa A - BVA
20	Bridging Visa B - BVB
30	Bridging Visa C - BVC
40	Bridging Visa (Prospective Applicant) - BVD
41	Bridging Visa (Non-Applicant) - BVD

42	Bridging Visa Class A (No longer issued)
50	Bridging Visa (General) (No longer issued)
51	Bridging Visa - BVE
60	Bridging Visa F (No longer issued)
70	Removal Pending Bridging Visa (No longer issued)
100	Spouse (No longer issued)
101	Child (No longer issued)
102	Adoption (No longer issued)
103	Parent (No longer issued)
104	Preferential family (No longer issued)
105	Skilled - Australian Linked (No longer issued)
106	Regional-linked (No longer issued)
110	Interdependency (No longer issued)
113	Aged Parent (No longer issued)
114	Aged Dependent Relative (No longer issued)
115	Remaining Relative (No longer issued)
116	Carer (No longer issued)
117	Orphan Relative (No longer issued)
118	Designated Parent (No longer issued)
119	Regional Sponsored Migration Scheme (No longer issued)
120	Labour Agreement (No longer issued)
121	Employer nomination (No longer issued)
124	Distinguished talent (No longer issued)
125	Distinguished talent and special service - independent (No longer issued)
126	Independent (No longer issued)
127	Business Owner (No longer issued)
128	Senior Executive (No longer issued)
129	State/Territory sponsored business owner (No longer issued)
130	State/Territory Sponsored Senior Executive (No longer issued)
131	Investment-linked (No longer issued)
132	Business Talent (No longer issued)
134	Skill Matching (No longer issued)
135	State/Territory nominated independent (No longer issued)
136	Skilled - Independent (No longer issued)
137	Skilled - State/Territory nominated independent (No longer issued)
138	Skilled - Australian sponsored (No longer issued)
139	Skilled Designated Area-sponsored (No longer issued)
143	Contributory Parent (No longer issued)
150	Former citizen (No longer issued)
151	Former resident (No longer issued)
152	Family of NZ citizen (No longer issued)
154	Resident Return (No longer issued)
155	Five year resident return (No longer issued)
156	One Year Resident Return (No longer Issued)
157	Three month resident return (No longer issued)
159	Provisional resident return (No longer issued)
160	Business Owner (Provisional) (No longer issued)
161	Senior Executive (Provisional) (No longer issued)
162	Investor (Provisional) (No longer issued)
163	State/Territory Sponsored Business Owner (Prov.) (No longer issued)
164	State/Territory Sponsored Senior Executive (Prov.) (No longer issued)
165	State/Territory Sponsored Investor (Provisional) (No longer issued)
173	Contributory Parent (Temporary) (No longer issued)
175	Skilled - independent (No longer issued)
176	Skilled - sponsored (No longer issued)
186	Employer Nomination Scheme
187	Regional Sponsor Migration Scheme
188	Business Innovation and Investment (provisional)
189	Skilled Independent visa
190	Skilled Nominated
200	Refugee (No longer issued)
201	In-country special humanitarian (No longer issued)
202	Global special humanitarian (No longer issued)
203	Emergency rescue (No longer issued)
204	Woman at risk (No longer issued)
205	Camp clearance (No longer issued)
208	East Timorese in Portugal, Macau or Mozambique (No longer issued)

209	Citizen of former Yugoslavia - displaced person (No longer issued)
210	Minorities of former USSR (No longer issued)
211	Burmese in Burma (No longer issued)
212	Sudanese (No longer issued)
213	Burmese in Thailand (No longer issued)
214	Cambodian (No longer issued)
215	Sri Lankan - special assistance (No longer issued)
216	Ahmadi (No longer issued)
217	Vietnamese (No longer issued)
300	Prospective marriage (No longer issued)
302	Emergency (Permanent Visa Applicant) (No longer issued)
303	Emergency (Temporary Visa Applicant) (No longer issued)
309	Spouse (provisional) (No longer issued)
310	Interdependency (provisional) (No longer issued)
400	Temporary Work (short stay)
401	Temporary Work (long stay)
402	Training and Research
403	Temporary Work (International Relations)
405	Investment Retirement
406	Government Agreement (No longer issued)
407	Training visa
408	Temporary Activity visa
410	Retirement
411	Exchange (No longer issued)
412	Independent Executive (No longer issued)
413	Business Executive (No longer issued)
414	Business Specialist (No longer issued)
415	Foreign government agency (No longer issued)
416	Special program visa for the Seasonal Worker Program
417	Working holiday
418	Educational (No longer issued)
419	Visiting academic (No longer issued)
420	Entertainment (No longer issued)
421	Sport (No longer issued)
422	Medical practitioner (No longer issued)
423	Media and film staff (No longer issued)
424	Public lecturer (No longer issued)
425	Family relationship (No longer issued)
426	Domestic worker - diplomatic or consular (No longer issued)
427	Domestic worker - executive (No longer issued)
428	Religious worker (No longer issued)
430	Supported dependant (No longer issued)
432	Expatriate (No longer issued)
435	Sri Lankan (No longer issued)
442	Occupational Trainee (No longer issued)
443	Citizens of former Yugoslavia (No longer issued)
444	Special Category - New Zealand Citizen
445	Dependent Child (No longer issued)
446	Confirmatory (Temporary) (No longer issued)
447	Secondary Movement Offshore Entry (Temporary) (No longer issued)
448	Kosovar Safe Haven (No longer issued)
449	Humanitarian Stay (Temporary) (No longer issued)
450	Resolution of Status - Family member (Temporary) (No longer issued)
451	Secondary Movement Relocation (Temporary) (No longer issued)
456	Business - Short Stay (No longer issued)
457	Business - long stay (No longer issued)
459	Sponsored Business Visitor (short stay) (repealed)
461	New Zealand Citizen Family Relationship (Temporary)
462	Work and Holiday
470	Professional Development (No longer issued)
471	Trade Skills Training (No longer issued)
475	Skilled Regional Sponsored (No longer issued)
476	Skilled - Recognised Graduate (No longer issued)
485	Skilled - Graduate (No longer issued)
487	Skilled - Regional Sponsored (No longer issued)
488	Superyacht Crew
489	Skilled Regional (provisional)

495	Skilled Independent Regional (Temporary) (No longer issued)
496	Skilled - Designated Area Sponsored (Provisional) (No longer issued)
497	Graduate - Skilled (No longer issued)
499	Olympic (Support) (No longer issued)
500	Student visa
560	Student (No longer issued)
562	Iranian Postgraduate Student (No longer issued)
563	Iranian Postgraduate Student Dependent (No longer issued)
570	Student - ELICOS (No longer issued)
571	Student - Schools (No longer issued)
572	Student - VET (No longer issued)
573	Student - Higher Education (No longer issued)
574	Student - Masters & Doctorate (No longer issued)
575	Student - Non-Award Foundation (No longer issued)
576	Student - AusAID & Defence (No longer issued)
580	Student Guardian Visa (No longer issued)
590	Student Guardian visa
600	Visitor
601	Electronic Travel Authority
602	Medical Treatment
651	eVisitor Visa
675	Medical treatment - short stay (repealed)
676	Tourist - short stay (repealed)
679	Sponsored Family Visitor (short stay) (repealed)
685	Medical treatment - Long Stay (repealed)
686	Tourist - Long Stay (No longer issued)
695	Temporary Provisional - Pending return (No longer issued)
771	Transit
773	Border (No longer issued)
785	Temporary Protection (No longer issued)
786	Temporary (Humanitarian Concern) (No longer issued)
800	Territorial Asylum (No longer issued)
801	Spouse (No longer issued)
802	Child (No longer issued)
804	Aged Parent (No longer issued)
805	Skilled (No longer issued)
806	Family (No longer issued)
808	Confirmatory Residence (No longer issued)
814	Interdependency (No longer issued)
819	Aged Parent (No longer issued)
820	Spouse (No longer issued)
826	Interdependency (No longer issued)
828	TEP Processing (No longer issued)
831	Prospective marriage spouse (No longer issued)
832	Close Ties (No longer issued)
833	Certain unlawful non-citizens (No longer issued)
834	Permanent resident of Norfolk Island (No longer issued)
835	Remaining Relative (No longer issued)
836	Carer (No longer issued)
837	Orphan Relative (No longer issued)
838	Aged Dependant Relative (No longer issued)
840	Business Owner (No longer issued)
841	Senior Executive (No longer issued)
842	State/Territory sponsored business owner (No longer issued)
843	State/Territory sponsored senior executive (No longer issued)
844	Investment-linked (No longer issued)
845	Established Business in Australia (No longer issued)
846	State/Territory Sponsored Regional Established Business (No longer issued)
850	Resolution Status (Temporary) (No longer issued)
851	Resolution of Status (No longer issued)
852	Witness Protection (No longer issued)
855	Labour Agreement (No longer issued)
856	Employer Nomination Scheme (No longer issued)
857	Regional Sponsored Migration Scheme (No longer issued)
858	Distinguished Talent (No longer issued)
859	Designated Parent (No longer issued)
861	Skilled - Onshore Independent New Zealand Citizen (No longer issued)

862	Skilled Australian-sponsored New Zealand Citizen (No longer issued)
863	Skilled Designated Area-sponsored New Zealand Citizen (No longer issued)
864	Contributory Aged Parent (Residence) (No longer issued)
866	Protection (No longer issued)
880	Skilled - Independent Overseas Student (No longer issued)
881	Skilled - Australian-sponsored Overseas Student (No longer issued)
882	Skilled - Designated Area-sponsored Overseas Student (No longer issued)
883	Skilled Designated Area Sponsored (Residence) (No longer issued)
884	Contributory Aged Parent (Temporary) (No longer issued)
885	Skilled - Independent (No longer issued)
886	Skilled - Sponsored (No longer issued)
887	Skilled - Regional (No longer issued)
888	Business Innovation and Investment (permanent)
890	Business Owner (No longer issued)
891	Investor (No longer issued)
892	State/Territory sponsored business owner (No longer issued)
893	State/Territory sponsored senior executive (No longer issued)
942	Crew Travel Authority
944	APEC Travel Authority (No longer issued)
956	Electronic Travel Authority - Business - Long (repealed)
976	Electronic Travel Authority - Visitor (repealed)
977	Electronic Travel Authority - Business - Short (repealed)
988	Maritime Crew
995	Diplomatic (Temporary) (No longer issued)
998	Declaratory (No longer issued)
ZZREDACTED	Redacted for privacy

Year Level Code

1	Year 1
2	Year 2
3	Year 3
4	Year 4
5	Year 5
6	Year 6
7	Year 7
8	Year 8
9	Year 9
10	Year 10
11	Year 11
11MINUS	11 Years and Younger
12	Year 12
12PLUS	12 years and Older
13	Year 13
CC	Childcare
K	Kindergarten
K3	3yo Kindergarten
K4	4yo Kindergarten
P	Prep
PS	Pre-School
UG	Ungraded
UGJunSec	Ungraded Junior Secondary
UGPr1	Ungraded Primary
UGSec	Ungraded Secondary
UGSnrSec	Ungraded Senior Secondary
ZZREDACTED	Redacted for privacy

Yes Or No Category

N	No
U	Unknown
X	Not Provided
Y	Yes
ZZREDACTED	Redacted for privacy

Appendix C: External Code Sets

All code sets defined by external bodies and referenced within SIF are included here for reference. The left column in each table contains the individual code values that are used in SIF elements and attributes that reference these code sets. These sets of code values are closed and normative for a given version of this specification. Including codes not provided here in corresponding SIF elements and attributes can lead to XML validation errors in installations where the zone integration server or any agent is validating XML messages; the SIF data model allows for locally-defined codes, where deemed appropriate, in the [OtherCodeList](#) element. The right column of each table may provide a textual equivalent or description of the corresponding code, and is provided for informational purposes only. The referenced sources for these code sets serve as the authorities for all descriptions and semantics, and for the definition and maintenance of the code set values themselves. In each release of this specification the SIF Association endeavors to synchronize referenced code sets with updates from external sources.

International Standards Organization (ISO)

4217 Currency names and code elements

AED	UAE Dirham
AFN	Afghani
ALL	Lek
AMD	Armenian Dram
ANG	Netherlands Antillian Guikder
AOA	Kwanza
ARS	Argentine Peso
AUD	Australian Dollar
AWG	Aruban Guilder
AZN	Azerbaijani Manat
BAM	Convertible Marks
BBD	Barbados Dollar
BDT	Taka
BGN	Bulgarian Lev
BHD	Bahraini Dinar
BIF	Burundi Franc
BMD	Bermudian Dollar (customarily known as Bermuda Dollar)
BND	Brunei Dollar
BOB	Boliviano
BOV	Mvdol
BRL	Brazilian Real
BSD	Bahamian Dollar
BTN	Ngultrum
BWP	Pula
BYR	Belarussian Ruble
BZD	Belize Dollar
CAD	Canadian Dollar
CDF	Franc Congolais
CHE	WIR Euro
CHF	Swiss Franc
CHW	WIR Franc
CLF	Unidades de formento
CLP	Chilean Peso
CNY	Yuan Renminbi
COP	Colombian Peso
COU	Unidad de Valor Real
CRC	Costa Rican Colon
CUC	Perso Convertible
CUP	Cuban Peso
CVE	Cape Verde Escudo
CZK	Czech Koruna
DJF	Djibouti Franc
DKK	Danish Krone
DOP	Dominican Peso
DZD	Algerian Dinar
EGP	Egyptian Pound
ERN	Nakfa
ETB	Ethiopian Birr
EUR	Euro
FJD	Fiji Dollar
FKP	Falkland Islands Pound
GBP	Pound Sterling
GEL	Lari
GHS	Cedi

GIP	Gibraltar Pound
GMD	Dalasi
GNF	Guinea Franc
GTQ	Quetzal
GYD	Guyana Dollar
HKD	Hong Kong Dollar
HNL	Lempira
HRK	Croatian Kuna
HTG	Gourde
HUF	Forint
IDR	Rupiah
ILS	New Israeli Sheqel
INR	Indian Rupee
IQD	Iraqi Dinar
IRR	Iranian Rial
ISK	Iceland Krona
JMD	Jamaican Dollar
JOD	Jordanian Dinar
JPY	Yen
KES	Kenyan Shilling
KGS	Som
KHR	Riel
KMF	Comoro Franc
KPW	North Korean Won
KRW	Won
KWD	Kuwaiti Dinar
KYD	Cayman Islands Dollar
KZT	Tenge
LAK	Kip
LBP	Lebanese Pound
LKR	Sri Lanka Rupee
LRD	Liberian Dollar
LSL	Loti
LTL	Lithuanian Litas
LYD	Libyan Dinar
MAD	Moroccan Dirham
MDL	Moldovan Leu
MGA	Malagascy Ariary
MKD	Denar
MMK	Kyat
MNT	Tugrik
MOP	Pataca
MRO	Ouguiya
MUR	Mauritius Rupee
MVR	Rufiyaa
MWK	Kwacha
MXN	Mexican Peso
MXV	Mexican Unidad de Inversion (UID)
MYR	Malaysian Ringgit
MZN	Metical
NAD	Namibian Dollar
NGN	Naira
NIO	Cordoba Oro
NOK	Norwegian Krone
NPR	Nepalese Rupee
NZD	New Zealand Dollar
OMR	Rial Omani
PAB	Balboa
PEN	Nuevo Sol
PGK	Kina
PHP	Philippine Peso
PKR	Pakistan Rupee
PLN	Zloty
PYG	Guarani
QAR	Qatari Rial
REDACTED	Redacted for privacy
RON	New Leu

RSD	Serbian Dina
RUB	Russian Ruble
RWF	Rwanda Franc
SAR	Saudi Riyal
SBD	Solomon Islands Dollar
SCR	Seychelles Rupee
SDG	Sudanese Pound
SEK	Swedish Krona
SGD	Singapore Dollar
SHP	Saint Helena Pound
SLL	Leone
SOS	Somali Shilling
SRD	Surinam Dollar
SSP	South Sudanese Pound
STD	Dobra
SVC	El Salvador Colon
SYP	Syrian Pound
SZL	Lilangeni
THB	Baht
TJS	Somoni
TMT	Turkmenistan New Manat
TND	Tunisian Dinar
TOP	Pa'anga
TRY	New Turkish Lira
TTD	Trinidad and Tobago Dollar
TWD	New Taiwan Dollar
TZS	Tanzanian Shilling
UAH	Hryvnia
UGX	Uganda Shilling
USD	US Dollar
USN	US Dollar (Next day)
UYU	Peso Uruguayo
UZS	Uzbekistan Sum
VEF	Bolivar
VND	Dong
VUV	Vatu
WST	Tala
XAF	CFA Franc BEAC
XAG	Silver
XAU	Gold
XBA	Bond Markets Units European Composite Unit (EURCO)
XBB	European Monetary Unit (E.M.U.-6)
XBC	European Unit of Account 9 (E.U.A.-9)
XBD	European Unit of Account 17 (E.U.A.-17)
XCD	East Caribbean Dollar
XDR	SDR
XOF	CFA Franc BCEAO
XPB	Palladium
XPF	CFP Franc
XPT	Platinum
XSU	Sucre
XTS	Code specifically reserved for testing purposes
XUA	ADB Unit of Account
XXX	Code assigned for transactions where no currency is involved
YER	Yemeni Rial
ZAR	Rand
ZMK	Kwacha
ZWN	Zimbabwe Dollar

Appendix D: Background/Supplementary Documentation (non-normative)

This appendix supplies background/supplementary documentation from working groups and task forces for interested readers, including but not limited to object plans, business/use cases, test plans, test results, background and best practice documentation. Last modified dates are included in parentheses.

 [Highlighted Additions and Changes 3.4.1.docx \(21/03/2017\)](#)

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ABS 1216.0	Australian Bureau of Statistics - 1216.0 - Australian Standard Geographical Classification (ASGC), Jul 2008. < http://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1216.0Jul%202008?OpenDocument >.
MCEECDYA	The Ministerial Council for Education, Early Childhood Development and Youth Affairs. Has been renamed and is now known as the Education Council. < http://www.educationcouncil.edu.au/ >.
DEEWR	The former Department of Education, Employment and Workplace Relations is now the Australian Government - Department of Education and Training. < https://www.education.gov.au/ >.