

Sessions (Georgia 3.6.1)

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This entity represents the prescribed span of time when an education institution is open, instruction is provided and students are under the direction and guidance of teachers and/or education institution administration. A session may be interrupted by one or more vacations.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When a new Term is created and saved that is Mapped to a Term Type and a resync of Sessions is completed.</p> <ul style="list-style-type: none"> • If the same Term Type is selected on multiple Terms, group the Terms together so only 1 record will report per Term Type. • If there are multiple Calendars or Schedule structures in a School with the same Term Types, only 1 record can report to Ed-Fi. Report the earliest Term Start Date and latest Term End Date. • Do not send records if the Calendar Exclude check box is checked. • Do not send if the School is marked as Exclude.
Post	<p>When a Term Descriptor Override is selected on a Course or Section and saved and the course is mapped to a Term Descriptor Override and a resync of Sessions is completed.</p> <ul style="list-style-type: none"> • The Session will report the start and end dates based on the mapping of the course section. • If the same Term Type is selected in the Terms tab and the Term Type Override, a record will not send from the override field. • Do not send records if the Calendar Exclude check box is checked or Course is marked as Inactive or Exclude.
Delete	<p>If the Term is deleted or the mapping is removed the Session record and all dependent data will be removed.</p>

**Start and End dates are not part of the natural Key so only 1 record per Term Type can be sent to Ed-Fi. Logic has been implemented to determine the priority of what start and end dates to use for a Term Type.

School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

Action	Trigger
None	<p>If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data will send.</p>
Delete	<p>If a resource is toggled to 'OFF' after data has sent and an action is performed that would trigger a delete, that data will remain in the ODS until a resync is done.</p>
Resync	<p>If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it will be deleted from the Ed-Fi Identity Mapping table.</p>
Resync	<p>If a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it will be deleted from the ODS.</p>
Resync	<p>If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.</p>

Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Trigger
Delete/Post	Natural Key change: <ul style="list-style-type: none"> If the School ID changes, all data will remain under the old number and a resync will need to be completed to populate data under the new number. The delete tool would need to be used to remove all data from the old School ID.
Delete/Post	If the Session Name changes.
Delete/Post	If the natural key changes all dependent resources will delete/post. <ul style="list-style-type: none"> Course Offerings, Sections, Staff Section Associations, Student Section Associations, Student Section Attendance Events, Grades.

Scope Year Logic

This table describes scope year logic of this object.

Logic
Reports Sessions for the scope year the to which the calendar is aligned.
Data will only send for the years that have valid configuration.

Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Term Detail	Term Descriptors
Course/Section	Term Descriptor Overrides

Identity Mapping Object Key

This table describes the Identity Mapping Object Key of this object.

***If there are multiple terms, overridden courses, or overridden sections in a school with the same term descriptor, there will be an identity mapping record for each Campus record and they will have the same edFIdentityID.**

Where Posting From	campusObjectType	Object Key Data Source
Course override	Course	courseID
Section override	Course	courseID-sectionID
Term	Term	termID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
Term	Post/Put/Delete	The primary table used for sending data for this resource.
Course	Post/Put/Delete	The primary table used for sending data for this resource.
Section	Post/Put/Delete	The primary table used for sending data for this resource.
sectionPlacement	Put	Start/End Date

Error Log

This table describes the Error logic of this object.

Error	Possible Causes/How to Fix
Error code return from Ed-Fi. 400: [message:Validation of 'Session' failed. BeginDate is required. BeginDate : '1/1/0001 12:00:00 AM' must be within SQL datetime range ('1/1/1753 12:00:00 AM' to '12/31/9999 11:59:59 PM') EndDate is required. EndDate : '1/1/0001 12:00:00 AM' must be within SQL datetime range ('1/1/1753 12:00:00 AM' to '12/31/9999 11:59:59 PM')].	Term start or end dates are missing

Object Data Elements

This table describes data elements sent within the Sessions resource.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
id	The unique identifier of the resource.		M		
SessionName	The identifier for the calendar for the academic session.	Reports the Term Descriptor of the Term(s) being reported.	M	System Administration> Ed-Fi> Configuration> Resources Preferences> Sessions> Ed-Fi Code	edfimapping.edFiValue
schoolReference	A reference to the related School resource.	Report Ed-Fi School ID.	M	System Administration > Resources> School > Ed-Fi School ID	School.entityID
schoolYearType Reference	A reference to the related SchoolYearType resource.	Reports the end year from the calendar the term is reported. 1. Reports 'XXXX'.	M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
academicWeeks	An unordered collection of sessionAcademicWeeks.	This is optional, do not report.	O		
beginDate	The Term start date.	<ol style="list-style-type: none"> Report the start date of the term being reported: <ul style="list-style-type: none"> If more than 1 term has the same Term Type selected, report the earliest start date. When Term Descriptor Override is populated, report from the Term Descriptor Override. 	M	System Administration> Calendar> Calendar> Terms> Start Date	term.startDate
endDate	The Term end date.	<ol style="list-style-type: none"> Report the end date of the term being reported: <ul style="list-style-type: none"> If more than 1 term has the same Term Type selected, use the latest end date. When Term Descriptor Override is populated, report from the Term Descriptor Override. 	M	System Administration> Calendar> Calendar> Terms> End Date	term.endDate
gradingPeriods	An unordered collection of sessionGradingPeriods.	Do not send.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
termDescriptor	This descriptor defines the term of a session during the school year (e.g., Fall Semester).	<ol style="list-style-type: none"> 1. When reporting from Term Descriptors mapping, report the Ed-Fi Code for the value selected <ul style="list-style-type: none"> ◦ When Ed-Fi Term Type is Null, or when no Ed-Fi code exists, do not report. 2. When reporting from the Term Descriptor Overrides, report the Ed-Fi code value selected. 	M	System Administration> Ed-Fi> Configuration> Resources Preferences> Sessions> Ed-Fi Code	edfimapping.edFiValue

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database Field
totalInstructionalDays	Total Days in Session.	1. When reporting from Term Schedule, count the total number of instructional days from the Days tab from the calendar and schedule structure the term is associated with. <ul style="list-style-type: none"> ◦ A day reset must be completed before the days will calculate. Use the resync after day reset is completed to have instructional days calculated and sent. ◦ If more than 1 term schedule has the same Term Type, count the distinct number of instructional days from all terms for that Term Type. ◦ When Term Descriptor Override is populated, report from the Term Descriptor Override. 	M	Calculated	

Type/Descriptor

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Term Descriptors

Code Value	Short Description	Namespace
Y1	Year Course	uri://gadoe.org/TermDescriptor
N1	1st Nine Week	uri://gadoe.org/TermDescriptor
N2	2nd Nine Week	uri://gadoe.org/TermDescriptor
N3	3rd Nine Week	uri://gadoe.org/TermDescriptor
N4	4th Nine Week	uri://gadoe.org/TermDescriptor
S1	1st Semester	uri://gadoe.org/TermDescriptor
S2	2nd Semester	uri://gadoe.org/TermDescriptor
T1	1st Trimester	uri://gadoe.org/TermDescriptor
T2	2nd Trimester	uri://gadoe.org/TermDescriptor
T3	3rd Trimester	uri://gadoe.org/TermDescriptor
X1	1st Six-Week	uri://gadoe.org/TermDescriptor
X2	2nd Six-Week	uri://gadoe.org/TermDescriptor
X3	3rd Six-Week	uri://gadoe.org/TermDescriptor
X4	4th Six-Week	uri://gadoe.org/TermDescriptor
X5	5th Six-Week	uri://gadoe.org/TermDescriptor
X6	6th Six-Week	uri://gadoe.org/TermDescriptor
F1	1st four and half week	uri://gadoe.org/TermDescriptor
F2	2nd four and half week	uri://gadoe.org/TermDescriptor
F3	3rd four and half week	uri://gadoe.org/TermDescriptor
F4	4th four and half week	uri://gadoe.org/TermDescriptor
F5	5th four and half week	uri://gadoe.org/TermDescriptor
F6	6th four and half week	uri://gadoe.org/TermDescriptor
F7	7th four and half week	uri://gadoe.org/TermDescriptor
F8	8th four and half week	uri://gadoe.org/TermDescriptor