

Class Periods (Georgia 3.6.1)

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Tool Search: Ed-Fi

This entity represents the designation of a regularly scheduled series of class meetings at designated times and days of the week.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When a Period Schedule is created and saved.</p> <ul style="list-style-type: none"> • A separate record will be sent for each Period Schedule/Period Name/Schedule Structure ID combination created. • Do not send records if the Calendar Exclude check box is checked. • Do not send a record if the School Exclude checkbox is checked.
Put	<p>A Post/Delete will be performed if the natural key changed. A Put will occur otherwise.</p> <p>When the following information is changed on a Period Schedule:</p> <ul style="list-style-type: none"> • Schedule Structure ID (New Schedule Structure) • Period Schedule ID (New Period Schedule) • Period ID (New Period) • Period Name • Start Time • End Time
Delete/Post	<p>When a Period Schedule or Period Name is updated and saved</p> <p>Cascading updates allows this change to PUT instead of Delete/Post</p>
Delete	When a Period Schedule or Period is deleted

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	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.
Delete	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.
Resync	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.
Resync	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.

Action	Trigger
Resync	If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.

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	If any of the following changes in the Schools resource: <ul style="list-style-type: none"> If the School Number/Ed-Fi School Number changes, a delete/post will occur with the cascading deletes from the School ID change triggers.
Delete/Post	If Period Schedule Name or Period Name Changes.
Dependent Resources	There is not a cascading delete option in Class Periods because all dependent data in Campus would need to be removed before a Class Period could be deleted from the Period Schedule. Section, Student Section Associations, Staff Section Associations, Grades, Student Section Attendance Events

Scope Year Logic

This table describes scope year logic of this object.

Logic
Class Periods will only send for the school year to which they are aligned. <ul style="list-style-type: none"> Data will only send for years that have valid configuration.

Identity Mapping Object Key

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

campusObjectType	Object Key Data Source
Period	periodID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
periodschedule	Post/Put/Delete	The primary tables used for sending data for this resource.
period	Post/Put/Delete	The primary tables used for sending data for this resource.

Error Log

Error	Possible Causes/How to Fix
409: Failed to delete classPeriods resource. [message:The resource (or a subordinate entity of the resource) cannot be deleted because it is a dependency of the 'sectionClassPeriod' entity.]	There are dependent resources in the Ed-Fi ODS so the Class Period record cannot be deleted. Use the delete tool to remove any dependent data before the course can be removed.

Object Data Elements

This table describes data elements sent within the Class Periods resource.

Data Element Label	Business Requirement and Business Rules	M, C or O	Data Source GUI	Database Field
classPeriodName	<p>An indication of the portion of a typical daily session in which students receive instruction in a specified subject (e.g., morning, sixth period, block period, or AB schedules). NEDM: Class Period.</p> <p>Report the Period Schedule Name - Period Name - Schedule Structure ID</p> <ul style="list-style-type: none"> Reports with a dash between each value. 	M	<p>System Administration > Calendar > Calendar > Periods</p> <p>System Administration > Calendar > Calendar > Schedule Structure</p>	<p>PeriodSchedule.name</p> <p>Period.name</p> <p>ScheduleStructure.structureID</p>
schoolReference	<p>A reference to the related School resource.</p> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> educationOrganizationId = Ed-Fi School ID 	M	System Administration > Resources> School > Ed-Fi School ID	school.entityID

Data Element Label	Business Requirement and Business Rules	M, C or O	Data Source GUI	Database Field
meetingTimes	<p>The meeting time(s) for a class period.</p> <p>Reports the below data elements in an array for all Periods that have a start and end time populated:</p> <ul style="list-style-type: none"> • endTime = Reports End Time. • startTime = Reports Start Time. 	O	System Administration > Calendar > Calendar > Periods	Period.endTime Period.startTime
officialAttendance Period	<p>Indicator of whether this class period is used for official daily attendance.</p> <ul style="list-style-type: none"> • Reports True if Instructional on period is checked • Reports False if Instructional on period is not checked 	O	Sys Admin> Calendar> Calendar> Periods	Period.Instructional