

# Grading Periods (Tennessee v5.3)

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Tool Search: Ed-Fi

This educational entity represents an overall score or assessment tied to a course over a period of time (i.e., the grading period). Student grades are usually a compilation of marks and other scores.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a new Grading Period is created and saved in Resource Preferences and a resync is completed. <ul style="list-style-type: none"> <li>Do not send if the School is marked as Exclude.</li> <li>Do not send if the Calendar is marked as Exclude.</li> <li>Do not send if there are no days for that school.</li> </ul>
Post	A District calendar is defined as a calendar of Type D: District. <ul style="list-style-type: none"> <li>Do not report records for calendars of type District.</li> </ul>
Put	When the Grading Period Start or End Date is updated and saved and a resync is completed.
Delete	When the Grading Period is removed and saved in Resource Preferences and a resync is completed.
Delete	When the Grading Period is removed from Resource Preferences.
Delete	When the last day record is deleted from the days table.
Delete/Post	When the Grading Period's Grading Period Descriptor or Sequence is edited and saved in the Resource Preferences and a resync is completed.

## 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	Business Rule
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.
Resync	If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.
Resync	When doing a resync, look to make sure the Grading Task is still mapped in the Grades Resource Preferences prior to sending.

## 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 the Natural Key changes: 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 the Grading Period Descriptor or Sequence changes and a resync is completed.
Delete/Post	If the natural key changes or the record is deleted, the Sessions Grading Periods reference will be updated.

Action	Trigger
Delete/Post	If the natural key of Grading Periods changes, all existing dependent data will be deleted or moved to the correct Grading Period. If a grade has not been posted yet and a Grading Period changes, a resync on the Grades resource will need to be completed.
Dependent Resources	Sessions Reference, Grades

## Scope Year Logic

This table describes scope year logic of this object.

Logic
<p>Reports the grading periods in the configured year they are aligned to.</p> <ul style="list-style-type: none"> <li>Data will only send for the years that have valid configuration.</li> </ul>

## Resource Preferences

This table describes the Resource Preferences of this object.

Data Element Label	Mapping Needed
Grading Task/Grading Periods/Sequence/Start Date/End Date	Grading Period Detail

## Identity Mapping Object Key

campusObjectType	Object Key Data Source
EdFiGradingPeriod	edFiGradingPeriodID

## Event Queue Detail

This table describes the Event Queue Detail of this object.

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

## Object Data Elements

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

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
id	The unique identifier of the resource.		M		
<b>gradingPeriod Descriptor</b>	The name of the grading period.	1. Report the code value from the Grading Period Name selected.	M	System Administration > Ed-Fi > Configuration > Resource Preferences > Grading Periods	edfiGradingPeriod
<b>periodSequence</b>	The sequence of the grading period.	1. Report the period sequence for the Grading Period	M	System Administration > Ed-Fi >	

Data Element Label	Business Requirement	Business Rules	M, C or O	Configuration> Preferences> Grading Periods	Database
		<p>being re-created.</p> <p>2. The sequence will be auto-generated based on an assigned value. This value can be overwritten if necessary.</p> <ul style="list-style-type: none"> <li>◦ The sequence can be changed in the individual record as long it is unique to the Grading Period Descriptor and School combination.</li> <li>◦ Two Grading Periods in the same school can have the same sequence as long as the Grading Period Descriptor is not the same.</li> <li>◦ Two Grading Periods in the same school can have the same Grading Period Descriptor as long as the Sequence is not the same.</li> <li>◦ Two Grading Periods with the same Grading Period Descriptor can have the same sequence as long as they are assigned to different schools.</li> </ul> <p>3. The sequence is determined based on the name of the 'number' in the Grading Period Descriptor up to 6. Example 'First Semester' will have a sequence</p>			

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
		6.1. 'First Nine Weeks' will have a sequence of 1. If the Grading Period Descriptor number is over 6 or cannot be determined, a default value of 1 will report.			
<b>_ext.tdoe.submittedForSchoolYear</b> <b>TypeReference.SchoolYear</b>	Key for School Year	Using the End Date tied to the calendar, report the year Format: CCYY	M	System Administration > Calendar > Calendar > End Date	schoolY
<b>_ext.tdoe.submittedByEducation</b> <b>OrganizationReference.educationOgranizationID</b>	The identifier assigned to an education organization	Populate State School Number Format: Remove leading zeros	M	System Administration > Resources > School	school.r

## Type/Descriptor

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