

IN Ed-Fi Suite v7.3, Data Standard v5.2: Grading Periods

July
2025

IN Ed-Fi Suite v7.3, Data Standard v5.2: Grading Periods

Table of Contents

- [Summary](#)
- [Object Triggering Logic](#)
- [Required Resources \(Upstream\)](#)
- [Dependent Resources \(Downstream\)](#)
- [Error Log](#)
- [Object Data Elements Logic](#)
- [Appendix](#)

Summary

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

Action	Business Rule(s)
POST	Reports a record when a new Grading Period is created and saved in Resource Preferences and a manual resync is completed. • Indiana considers the "Grading Periods" resource to be associated with PROGRESS REPORTS. You should map the Grading Periods to the termDescriptors where you award progress reports such as report cards, etc. The "Sessions" resource should be used to map FINAL OUTCOMES. • You must set-up and map Grading Tasks in the Grades Resource Preferences prior to setting up and mapping Grading Periods. • Do not report a record if the any of the following exclusions are present: ◦ Calendar Exclude ◦ School Exclude

Delete /Post Put	A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise. • This resource does NOT have triggers. A manual resync is required to report and update this resource.
Delete	• When the Grading Period information in Resource Preferences is deleted and a resync is completed.

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools

Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- Grades
- Sessions

Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix

Object Data Elements Logic

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✓ / ✗ / EXT)
1	gradingPeriodDescriptor (string)	<i>The name of the period for which grades are reported.</i> Report the Ed-Fi Code of the Grading Period Descriptor selected for the Grading Period being reported.	M	Ed-Fi Configuration > Resource Preferences	EdFiGradingPeriod.name	✓
2	gradingPeriodName (string)	<i>The school's descriptive name of the grading period.</i> Report the code from the Grading Period Name selected + '-' + periodSequence number for the Grading Period being reported. Example: First Semester-1	M	Ed-Fi Configuration > Resource Preferences	EdFiGradingPeriod.name	✗

3	schoolReference (reference)	<i>A reference to the Schools resource associated with the Grading Period being reported.</i> Reports the fields that are part of the natural key for the Schools resource: educationOrganizationId = 10 + State District Number + State School Number	M	School Information District Information	School .number District .number	✓
4	schoolYearTypeReference (reference)	<i>A reference to the School Year resource associated with the Grading Period being reported.</i> Reports the End Year the grading period is associated with.	M	N/A	N/A	✓
5	beginDate (date)	<i>Month, day, and year of the first day of the grading period.</i> Reports the Start Date of the Grading Period(s) being reported. If more than one grading period has the same Ed-Fi Code selected, reports the earliest Start Date.	M	Resource Preferences	EdFiGradingPeriod .startDate	✓

6	endDate (date)	<i>Month, day, and year of the last day of the grading period.</i> Reports the End Date of the Grading Period(s) being reported. • If more than one grading period has the same Ed-Fi Code selected, reports the latest End Date.	M	Resource Preferences	EdFiGradingPeriod.endDate	✓
7	periodSequence (number)	<i>The sequential order of this period relative to other periods.</i> Report the Period Sequence for the Grading Period being reported: • The Sequence is auto-generated based on an assigned value. This can be overridden if necessary. ◦ The Sequence can be changed on the record as long as it is unique to the Grading Period Descriptor and School Reference combination. ◦ The Sequence is determined based on the name of the "number" within the Grading Period Descriptor's name. ▪ This Sequence will go up to 6. ▪ If the Sequence cannot be determined it will default to "1." ▪ Example: Second Semester will default to "2."	M	Resource Preferences	EdFiGradingPeriod.sequence	✓

8	totalInstructionDays (number)	<i>Total days available for educational instruction during the grading period.</i> Reports the total amount of Instructional Days in the Grading Period(s) being reported. • If more than one grading period has the same Ed-Fi Code, reports the total amount of Instructional Days from all grading periods with that Ed-Fi Code.	M	N/A	N/A	
---	--------------------------------------	---	---	-----	-----	---

Appendix