NM Ed-Fi Suite v3.5.4, Data Standard v3.3.1-b: Grades

February
2025

NM Ed-Fi Suite v3.5.4, Data Standard v3.3.1-b: Grades

Table of Contents

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	When a grade is posted to a Grading Task or Rubric that is mapped to an Ed-Fi Grade Type.
	- The Grading Task/Standard must be mapped to a Grading Period to report. - The Grading Task/Standard must be marked as 'State Reported' - Only report **final** (posted) scores. No 'in-progress' grades report. - Check to see if the student has a Student Section Association in the Ed-Fi identity Mapping table before sending. - If the Student Section Association does not exist, the record will go to the Error Log with a message stating: Student (First Name Last Name, Ed-Fi ID) does not have a Student Section Association record for the course (Course Number Course Name). This record must exist before Grades can be sent. - Do not report a record if the any of the following exclusions are present: - Enrollment State Exclude - Enrollment No Show - Enrollment Grade Level Exclude - Calendar Exclude - School Exclude - Course State Exclude - Course State Code is NULL
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. When a grade is updated on a Grading Task or Standard that is mapped to an Ed-Fi Grade Type
Delete	- When the Grading Task or Standard is deleted. - When Grade Type Descriptor is no longer mapped and a resync is performed. - When a Student Section Association no longer exists.

Transforming K12 Education®

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Grading Periods
- Student Section Associations

Dependent Resources (Downstream)

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

- N/A

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	**gradeTypeDescriptor** (*string*)	*The type of grade reported (e.g., exam, final, grading period).* Reports the Ed-Fi Code mapped to the value selected for the Grading Task.	M	Grading & Standards	GradingScore .taskID	✅
2	**gradingPeriodReference** (*reference*)	*A reference to the Grading Periods resource associated with the Grade being reported.* Reports the fields that are part of the Natural Key for the Grading Periods resource.	M	N/A	N/A	✅
3	**studentSection AssociationReference** (*reference*)	*A reference to the Student Section Associations resource associated with the Grade being reported.* Reports the fields that are part of the Natural Key for the Student Section Associations resource.	M	N/A	N/A	✅

Transforming K12 Education®

4	letterGradeEarned (*string*)	*A final (grading period) indicator of student performance in a class as submitted by the instructor. Provide the numeric grade earned for the course based on LEAs standards. Number should be 0.00-100.00* Reports the **Score** if it is **NOT** a number. • Ensure the "Score" field in the Score Group & Rubric Setup is set to the appropriate value per NM PED guidance: 　○ Pass = S 　○ Fail = U 　○ Incomplete = I	M	Grades	GradingScore .score	✅
5	numericGradeEarned (*number*)	*A final (grading period) indicator of student performance in a class as submitted by the instructor. Provide the numeric grade earned for the course based on LEAs standards. Number should be 0.00-100.00* Reports the **Score** if it is a number. **Notes:** • If the Score is greater than 100, report **100.00**. • If the Score is less than 0, report **0.00**.	M	Grades	GradingScore .score	✅
6	currentGradeAsOfDate	This is optional, does not report.	O	N/A	N/A	N/A
7	diagnosticStatement	This is optional, does not report.	O	N/A	N/A	N/A
8	learningStandardGrades	This is optional, does not report.	O	N/A	N/A	N/A
9	performanceBase ConversionDescriptor	This is optional, does not report.	O	N/A	N/A	N/A

Transforming K12 Education®

Transforming K12 Education®

Appendix

Transforming K12 Education®