Grade Calc Options (Instruction)

Last Modified on 08/03/2026 3:06 pm CDT

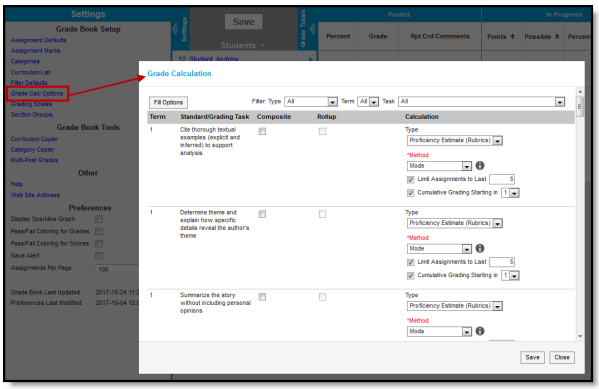
Location: Grade Book > expand Settings menu > Grade Calc Options; Progress Monitor > Settings > Grade Calc Options

The grade calculation options are the preferences you select to determine how the Grade Book calculates In Progress grades and proficiency estimates.

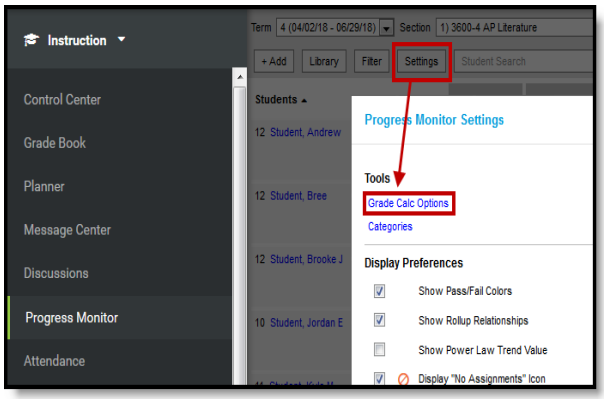
This tool is where you apply Grading Scales.

The calculation options for grading tasks and standards are different. Select calculation logic for individual tasks or standards or to multiple items using the **Fill** option. Grade Calc Options may be established at the Course or Course Master level and may therefore be read-only.

In Grade Book:



In Progress Monitor:

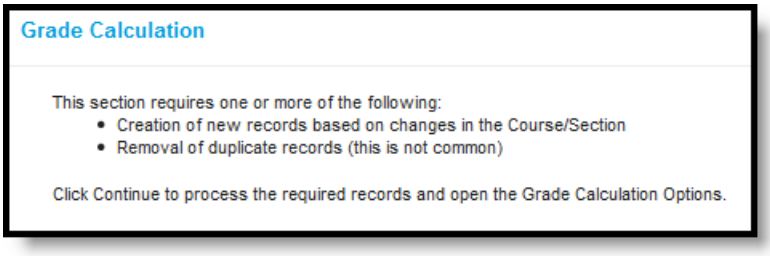


Grade Calculation Options for In Progress Grades of Grading Tasks and Proficiency Estimates of Standards

See something else? Click below.

Click here to expand...

If a task or standard was added to the section since the last time you modified these options, a notification appears notifying you that the Options records need to be updated. Click **Continue** to proceed.



Tool rights to Grade Calc Options can be found in Additional Access Rights > Instruction Tools. This tool right gives access to the tool in both places, if you also have rights to the Grade Book and/or Progress Monitor.

Viewing In Progress Grades and Proficiency Estimates in the Grade Book

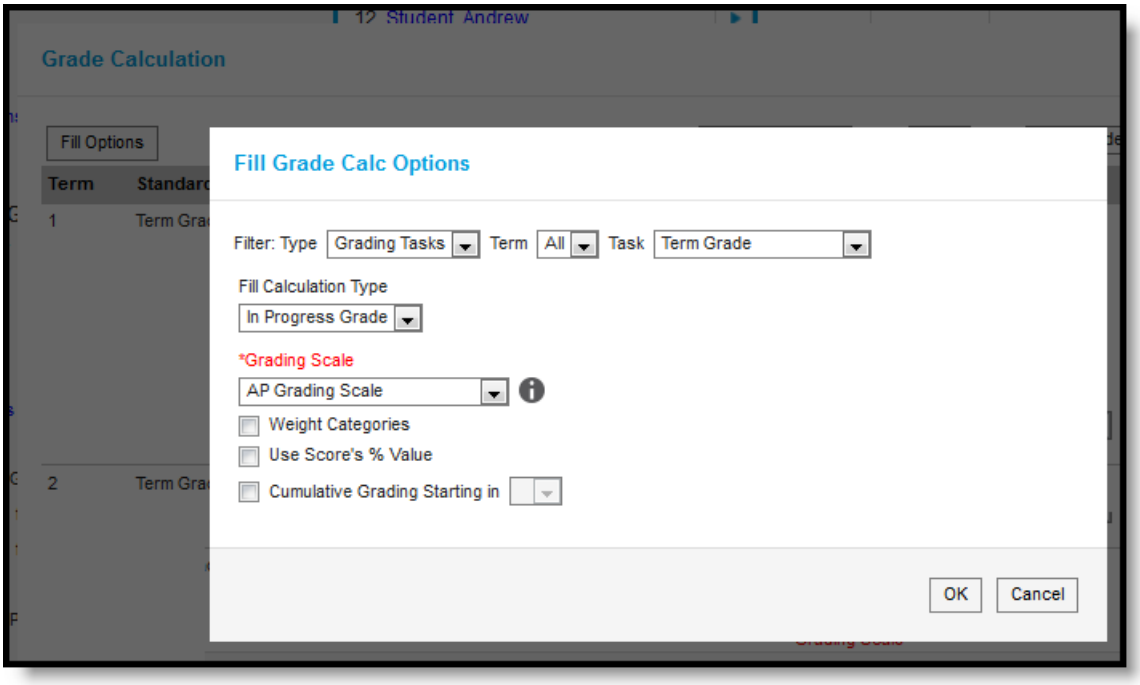
The options selected in this tool determine how In Progress Grades are calculated in the Grade Book. If *No Calculation* is selected, no data calculates in the In Progress section of the Grade Totals.

In Progress				Categories		
Points	Possible	%	Post Grade	Homework	Quizzes	Tests
279	300	93.00 %	A	90.00 %	89.00 %	100.00 %
284	300	94.67 %	A	97.00 %	98.00 %	89.00 %
183	300	61.00 %	D	86.00 %	0.00 %	97.00 %
260	300	86.67 %	B	75.00 %	89.00 %	96.00 %
247	300	82.33 %	B	59.00 %	96.00 %	92.00 %

In Progress Grades in the Grade Book

Fill and Filter Options

To apply a specific grading setup to multiple tasks or standards, select **Fill Options**. From there, filter using the Type, Term, and Task dropdown lists and then select the Calculation Type and other options to apply to all standards or tasks that fit the filter criteria. For example, in the image below, I'm setting the Term Grade task to calculate the same way in all terms.



Use the Fill and Filter options to apply grade calculation options to multiple standards or tasks.

Additionally, the filter options are available in the main Grade Calc Options screen to filter the individual standards and tasks displayed.

In Progress Proficiency Estimates for Standards

Establish calculation preferences for multiple standards using the Fill options or for each Term/Standard combination individually.



The following options are available for calculating grades for standards.

The following table describes the **Types** of calculations available for Standards. See the Additional Options section for other types of setup completed in Grade Calc Options.

Type	Description
No Calculation	Select this option to exclude the standard from calculation of students' In Progress proficiency estimate in the Grade Book. This option allows teachers to manually enter grades without an In Progress grade being calculated. This option is pre-selected and cannot be modified when a standard is marked as Post-only on the Course Standards tab or the Course Masters Standards tab. No assignments or categories can be assigned to post-only standards.
In Progress Grade	Select this option to calculate an In Progress grade for this standard using a Grading Scale. Use this option if you're scoring the standard with Points or Marks. Additional options appear when this option is selected: • **Grading Scales** - Choose a scale to convert student score percentages into grades in the scale, such as A-, B+, D, etc. • **Weight Categories** - Marking this checkbox indicates the **Weight** values entered for the Category should be included in the calculation of the In Progress grade. • **Use score's % value** - Marking this checkbox calculates scores based on the percentage of points earned for each assignment rather than the raw point value across all assignments. For example, two assignments are scored as 8/10 and 100/100. The point value calculated for these two assignments would be 108/110, or 98%. The percent value calculated would be 80% and 100%, or 90% for the Category. If this option is chosen, all assignments aligned to the Standard must be worth more than zero points.

Type	Description
Proficiency Estimate (Rubrics)	Select this option if the standard is scored using a rubric. Rubrics are used to described quality of work, rather than a numerical score. Choose a **Method** to calculate grades: • **Power Law**: Power Law is a mathematical calculation that converts proficiency levels into numeric values and determines a trend based on the student's scores. Power Law works on the assumption that standards are assessed at consistent intervals, such as weekly. See Posting Grades when Using Power Law for an example of using Power Law. • **Highest Score**: Determines the highest proficiency level the student has achieved. Sequence must be entered for items on the Rubric for this option to calculate correctly. • **Mode**: Determines the most common score for the student across scores. Enter a value in *Limit Assignments to Last* ____ to limit the calculation to the *x* number of recent assignments. • **Most Recent**: Populates the most recent proficiency level. • **Mean**: Calculates the grade as the average of all scores entered based on the Mean % Value entered for the Rubric. To calculate a grade, rubric scores are converted into numeric values using the **Mean % Value** field on the rubric. Those values are then averaged and converted back into a rubric score using the **Minimum %** and **Mean %** values. • **Decaying Average:** Calculates the grade as the average of all scores entered, but with more recent scores weighted more heavily. The most recent score is calculated at full weight, with the next most recent score worth 65%, the score previous to that worth $65\%^2$ (42%), then $65\%^3$ (27.5%), etc. The average is calculated by converting scores into numeric values and back based on Rubric values as described above. Assignments are ordered by their End Date and Time. If assignments are due on the same day, the Sequence is used to determine order, with the highest sequence values considered the most recent. If End Date and Sequence are the same, assignments are ordered alphabetically by Name. $\text{DECAYING AVERAGE} = \frac{\text{SUM (Rubric Score Value x Decay Weight)}}{\text{SUM(Decay Weight)}}$ In the grade book, hover over a student's proficiency estimate to see each of these values calculated.

In Progress Grades for Grading Tasks

Establish calculation preferences for multiple tasks using the Fill options or for each Term/Task combination individually.



The following options are available for calculating grades for tasks.

The following table describes the **Types** of calculations available for Grading Tasks. See the Additional Options section for other types of setup completed in Grade Calc Options.

Option	Description
No Calculation	Select this option to exclude the task from calculation of students' In Progress grades in the Grade Book.
Calculate In Progress Grade	Select this option to calculate an In Progress grade for this task. Additional options appear when this option is selected: • **Grading Scales** - Choose a scale to convert student score percentages into grades in the scale, such as A-, B+, D, etc. • **Weight Categories** - Marking this checkbox indicates the **Weight** values entered for the Category should be included in the calculation of the In Progress grade. • **Use score's % value** - Marking this checkbox calculates scores based on the percentage of points earned for each assignment rather than the raw point value across all assignments. For example, two assignments are scored as 8/10 and 100/100. The point value calculated for these two assignments would be 108/110, or 98%. The percent value calculated would be 80% and 100%, or 90% for the Category. If this option is chosen, all assignments aligned to the Standard must be worth more than zero points.

Post-only Tasks

Categories and assignments cannot be aligned to tasks marked as Post-only on the Course > Grading Tasks or Course Masters > Grading Tasks tabs. However, calculation options can be set up for these tasks to allow a Grade to be calculated in the Posted column when a Percent is entered for a student.

Additional Options in Grade Calc Options

The following options are available for standards and tasks:

Option	Description
Composite	A composite task or standard is a parent task that is grade based on the child tasks that make it up. For example, a semester task may be a composite of two quarter tasks. See the Composite Grading article for more information.
Rollup	A parent standard or task can be calculated by "rolling up" child tasks. See the Rollup Grade Calculations article for more information.
Limit Assignments to Last ___	This option limits the grade calculation to only include the most recent *x* number of assignments. For example, proficiency in a standard may be calculated as the mode of the most recent 5 assignments.
Cumulative Grading Starting in	This option allows teachers to set a starting term for calculating grading across multiple terms. See the Cumulative Grading article for more information.