Using Rollup Grade Calculations

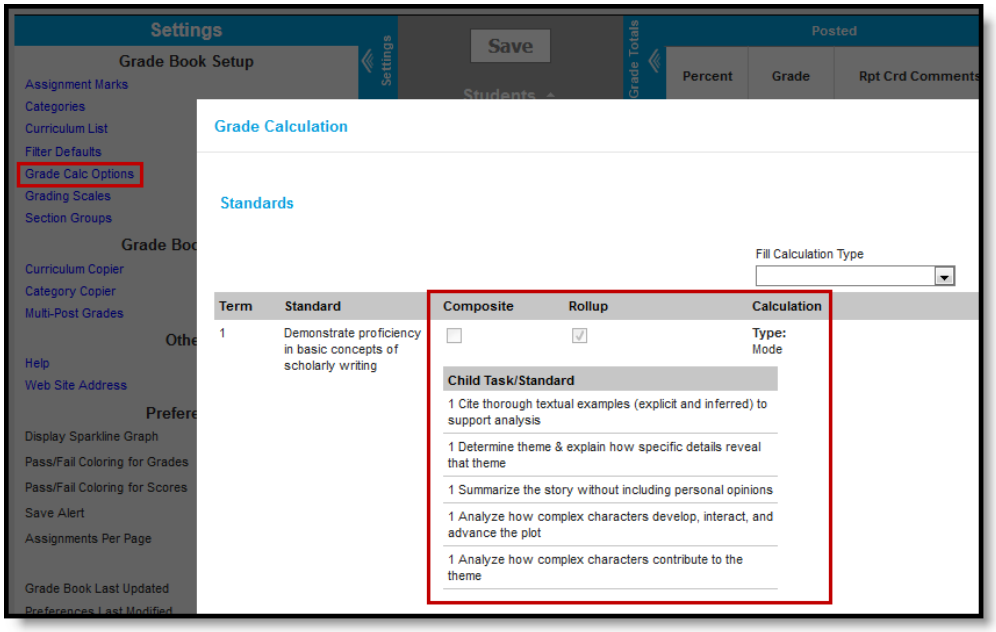
Last Modified on 10/22/2022 9:30 am CDT

Rollup Calculation Setup | Rollup Calculation in the Grade Book | Rollup Calculation in Post Grades

Rollup calculations allow users to grade a parent standard based on the scores a student has received for child standards, rather than having to manually estimate the grade. Alternately, child standards can be selected to rollup to a grading task, with the rubric scores converted to numeric values and then into items in the grading scale selected for the task in grade calc options.

These calculations display in the Grade Book and Post Grades tool.

This calculation is set up at the Course or Course Master level. The rollup calculation options display in the Section's Grade Calc Options.



Read-only Rollup Calculation in Grade Calc Options

Rollup Calculation Setup

The following setup must be completed for rollup calculations to display for teachers:

- Parent standard or grading task must be marked as **Rollup** in the Grade Calc Options tab for the Course or Course Master with a **Calculation Type** selected.

Type	Description
Manual	Provides no rollup calculation.
Mean	Rollup calculation is the average of the grade for each child standard, based on the Rollup % Values entered on the Rubric.

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Type	Description
Weighted Mean	When this type is selected, a weight field displays for each child standard, with an Effective % value calculating as weights are entered. Rollup calculation is the average of the grade for each child standard, based on the Rollup % Values entered on the Rubric, weighted based on the values entered for each child. Similar to Composite Grading, weight values can be entered as percentages (such as 25%, 25%, and 50%) or as proportions (such as 1, 1, 2).
Median	Rollup calculation displays as the grade at the middle of the grade distribution. For example, if the child standards have grades of U, U, P, P, HP, the median value is P.
Mode	Rollup calculation displays as the most common grade received across child standards. For example, if the child standards have grades of U, P, P, P, HP, the mode is P. If there is no mode in the entered scores, a rollup value is not reported.
Highest	Rollup calculation displays the highest grade achieved.

- **Standard to Standard Calculation:** If a Calculation Type of Mean or Weighted Mean is chosen, **Rollup Values** and **Minimum Value**s must be entered for each score in the Rubric selected for the Standard.
- **Standard to Grading Task Calculation:** If a Calculation Type of Mean or Weighted Mean is chosen, **Rollup Values** and **Minimum Values/Percents** must be entered for each score in the Rubric selected for the child standards and the Grading Scales of the parent task.

Rollup Calculation in the Grade Book

In the Grade Book, rollup calculations display similarly to composite grading. The gray columns at the right display the posted (or in progress if not posted) grade for each of the child standards that contribute to the grade of the parent. The In Progress grade calculates based on the Calculation Type selected in the Course or Course Master Grade Calc Options.

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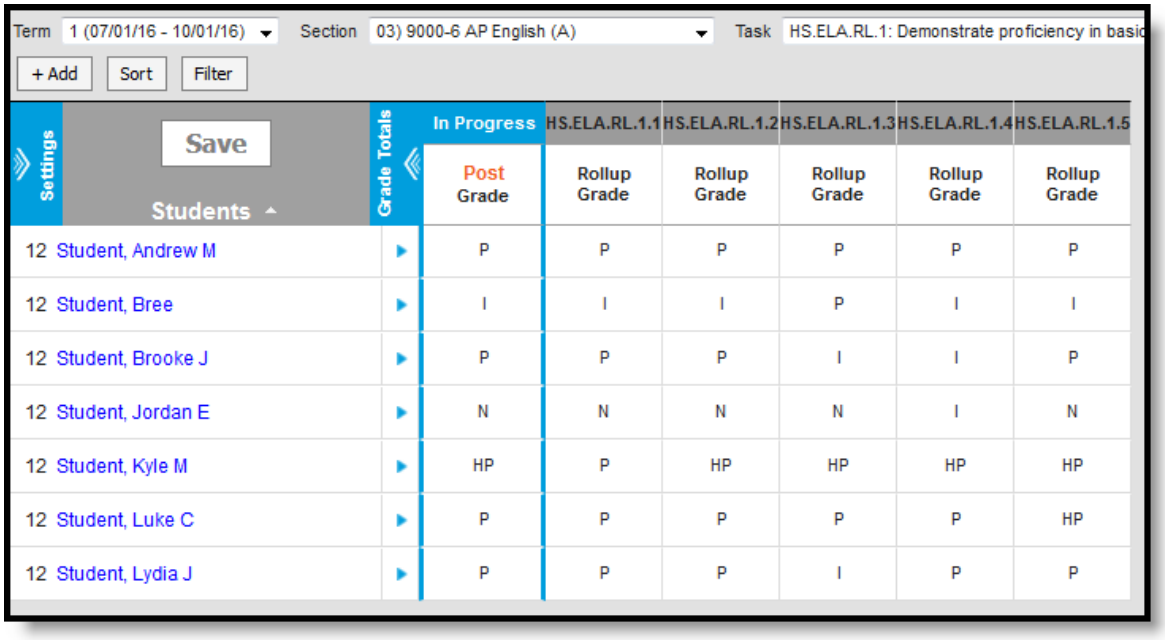
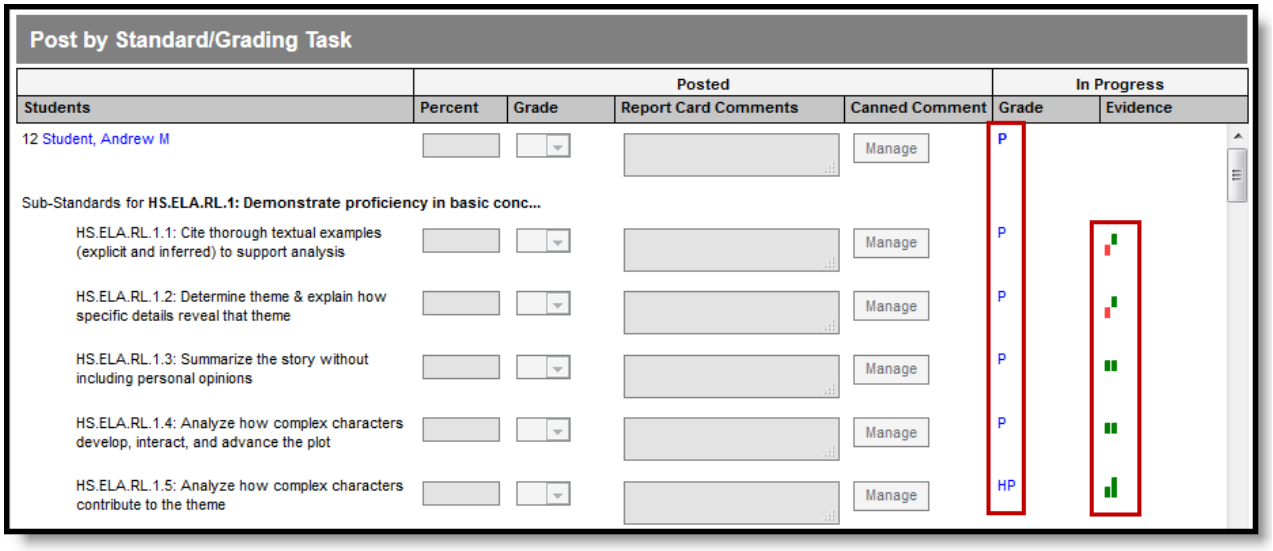


Rollup Calculation in the Grade Book

Rollup Calculation in Post Grades

Rollup calculations also display in the Post Grades tool. In Progress Grades (or Posted if available) display for child standards with the rollup calculation shown for the parent standard or task in bold text.



Rollup Calculation in Post Grades

Click on the bold parent grade to view a list of the child standards that contributed to the grade and the calculation Type selected. Click on the grade for a child standard to view a list of the assignments aligned to that standard.

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