

Numeric Grade Book Vocabulary

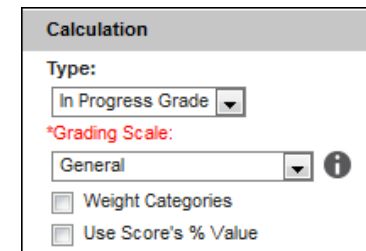
- An Assignment is a single scored-work item or non-aligned (non-scored) activity distributed to students.
- A Category is a “type description” of similar Assignments grouped within a Task.
- A Task (Grading Task) is a score that is usually reported by Term, and is sometimes used to calculate a final score at the end of the year.
- A Posted Score is a score that has been exported from the Grade Book or entered into a Grading Task by hand.
- Composite Grading is the calculation of specified tasks used to determine a final grade.
- A Grading Scale determines which scores a student may receive, and dictates how to handle rounding-off decimal values.

Score Calculations (Numeric with Grading Tasks)

- Grade Book calculates scores for each term, task, and section based on the user's Grade Calc Options selections.
- Within each course/section, there are two basic types of calculation for each grading task:
 - **No Calculation:** Nothing will calculate in Gradebook.
 - No Calculation is often preferred for non-numeric Pass/Fail scoring of assignments.
 - **In Progress Grade:** Allows you to select a grading scale and choose calculation methods.
 - A grading scale must be chosen here to tell grade book how to round off decimals for each calculated score, based on the district/building/department's grading policy.

Score Calculations (Numeric with Grading Tasks)

- The Grade Book default calculation is based on unweighted points for the task. Total points earned are divided by total points available.
 - Example:
 - A student is assigned 13 assignments with various point totals and all possible points added gives the student the potential to receive 1250 points within the grading task for the term.
 - The student earns a total of 1158 points on all assignments.
 - Grade book default calculation = $1158/1250 = 92.64$
 - A grading scale must be chosen to guide Grade Book to score this student with an 93, an A-, etc., based on the district/building/department's grading policy.

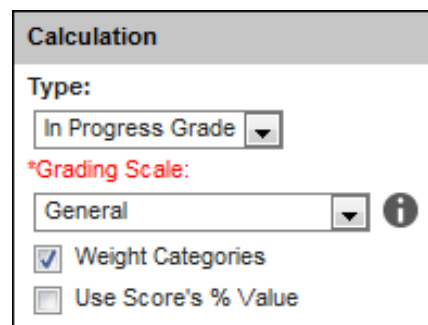


The screenshot shows a 'Calculation' window with the following settings:

- Type:** In Progress Grade (dropdown menu)
- *Grading Scale:** General (dropdown menu with an information icon)
- ☐ Weight Categories
- ☐ Use Score's % Value

Score Calculations (Numeric with Grading Tasks)

- For each task, there are alternate calculation methods available.
 - **Weight Categories:** Category score totals may be “heavier” in the task calculation (i.e. Test category has two times more impact on the calculated score than the Class Participation category [2:1 ratio])
 - If unchecked, all categories are calculated using the default points calculation, even if weights have been assigned in the category detail.
 - Campus inserts a zero as the default in the weight field when creating a category. If the user checks the box, but doesn’t assign a weight, the category won’t calculate. $n \times 0 = 0$. To have all categories weight evenly (1:1 ratio), make sure each category has the same weight value.



The screenshot shows a dialog box titled "Calculation". It contains the following elements:

- Type:** A dropdown menu with "In Progress Grade" selected.
- *Grading Scale:** A dropdown menu with "General" selected, accompanied by an information icon (i).
- ☒ **Weight Categories**
- ☐ **Use Score's % Value**

Score Calculations (Numeric with Grading Tasks)

- Example of checking Weight Categories: “tests” weight = 4, “homework” weight = 1, “class participation” weight = 2
 - For the task/term, a student receives:
 - 258 earned of 300 points possible in “tests”
 - 48 earned of 50 points possible in “homework”
 - 56 earned of 60 points possible in “class participation”
 - Divide earned/possible values to get the percentage for each calculated category:
 - » $258/300 = 86$
 - » $48/50 = 96$
 - » $56/60 = 93.33$
 - Multiply the percentages by their weights
 - » $86*4 = 344$
 - » $96*1 = 96$
 - » $93.33*2 = 186.66$
 - Add the weighted percentages
 - » $344+96+186.66 = 626.66$
 - Divide by the sum of all weights ($4+2+1=7$)
 - » $626.66/7 = 89.52285714285714$
 - » round off to two decimal places, “4 or lower” rounding down, and “5 or higher” rounding up if the thousandths decimal place doesn’t equal zero


Calculation

Type:

In Progress Grade

*Grading Scale:

General



☒ Weight Categories

☐ Use Score's % Value

Score Calculations (Numeric with Grading Tasks)

- **Use Score's % Value:** Assignment earned points are calculated evenly, despite the “total points” value set for an assignment.
 - Ex.: 15 points scored on a quiz with 20 total points will be scored equally to a 75 on a 100-point quiz, because 15 is 75% of 20.
 - Ex: two assignments are scored as 8/10 and 100/100, but will receive different scores based on the chosen assignment scoring method.

Points Scoring

$$8+100 = 108$$

$$108/110 = 0.9818$$

Percent Scoring

$$80+100 = 180$$

$$180/200 = 0.90$$

- FAQ - Can both boxes be checked at the same time?
 - Yes. Weight Categories alters how Category scores are calculated in relation to one another, Use Score's % Value alters how Assignment scores are calculated in relation to one another.
- FAQ - Can I leave both boxes unchecked (do I have to check a box?)
 - Yes. Leaving both boxes unchecked defaults to the points-only calculation method. The only required field is to select a grading scale for the Posted 16 Task Score.