Setup Your Gradebook 3.0

4 Grade Calculation in Moodle

In Moodle, you can set individual categories to aggregate grades differently (meaning to calculate grades). You can also set the final grade to be calculated with a different method than each of the category totals. While you have the option to create your own formulas for calculations, Moodle comes with preset calculations, which are described below.

Set Category Aggregation Methods

To set a calculation method for a category:

Step 1: In the Settings block, click Grades. The Gradebook will open to the Grader report.

Step 2: In the navigation tabs (at top), click Setup. The Gradebook Setup page will open.

Step 3: Click Edit next to the course grade or item category. Then click Edit Settings.

Step 4: The aggregation will need set for the entire course, and for each Category. Select a calculation method from the Aggregation drop-down menu. (Options are defined below.)
Step 5: Scroll down to the bottom of the page and click Save changes.

Mean of Grades

What it does:
- Calculates the average of grades. The sum of all grades divided by the number of grade items.

When you might use it:
- To find the average of a category of assignments that are each worth the same amount of points (Such as a set of quizzes that are each worth 15 points).

Weighted Mean of Grades

What it does:
- Assigns each item a relative value and determines how much that item will affect the overall average. Items with higher values will be worth more toward the final average. For instance, an item worth 30% of a final grade can be entered with a weight of 0.3, 3, or 30.

When you might use it:
- To work with categories that are each worth a different percentage of the final grade. If you use this method to compute final grade, we suggest that you have the weights of multiple items add up to a base number of 100 so that the weight matches the percentage of the final grade.

Simple Weighted Mean of Grades

What it does:
- Finds the weighted average of grades based on the total points possible for that assignment. The difference from Weighted mean of grades is that weight is automatically calculated as the maximum grade for each item. In this method, a 100 point assignment has a weight of 100, and a 10 point assignment has a weight of 10.
- When an assignment is checked as extra credit, its point value is excluded from the category total but still factors into the computed mean.

When you might use it:
This could be useful for a set of assignments that have different maximum scores, and you want the assignments worth more points to count more toward the overall grade. This may not be a good choice if a category is full of assignments that are each worth only a few points, but you want that category to count toward a significant portion of the final grade.

**Natural**

**What it does:**

- Finds the total number of points awarded to items in that category.
- Gives you the option to mark grades as extra credit, adding those scores to the total at the end (However students cannot get over 100%).

**When you might use it:**

- To see the total number of points a student has earned out of the total points possible. You can also easily change a category to display a percentage instead of the real numerical points. For instructions, refer to Create Grade Categories.
- When you want to factor extra credit assignments into your total.
Setup Moodle Gradebook for Mean of Grades

Step 1: Click Grades

Step 2: Click Setup

Step 3: Click Edit next to the course grade category. Then click Edit Settings.
Step 4: Set Overall Gradebook Aggregation to Mean of Grades

Step 5: Click Save Changes
Setup Your Gradebook 3.0

6 How to Setup Moodle Gradebook for Weighted Grades

Add New Updated Video

Setup Moodle Gradebook for Weighted Grade

Step 1: Click Grades

- Click Grades

Step 2: Click Setup

- Gradebook setup

Step 3: Set Overall Gradebook Aggregation to Weighted Mean of Grades
Step 4: Click Add Categories

Step 5: Set Category Properties - Name Category and Set Aggregation to Simple Weighted Mean of Grades

Step 6: Move all assignments into categories, or create assignments in categories

Step 7: Set the Category weights, they need to add to 100 (i.e. Participation 10%, Quizzes 30%, Papers 40%, Homework 20%)

Step 8: Category Totals must equal 100

Step 9: Course Total must equal 100
**Step 10**: Click Save Changes

[Save changes]