

Creating a Test in Moodle

First, switch to the editing mode by clicking on the *Turn editing on* button at the top right of your course page. Only then will you be able to edit and add activities.

Click on *Add an activity or resource* in the desired topic area and choose the activity *Quiz*.

General Settings

Give your activity a descriptive *Name* and *Description*. For a quiz activity, providing detailed instructions in the description can be useful. Here, you can also include guidelines, evaluation criteria, or information about the quiz time frame. Check the box for *Display description on course page* if you want the description to appear on the course page.

Timing

- *Test opening & closing*
 - Set the time frame in which students can take the test in the options. To do this, activate *Test opening* and *Test closing* to input the dates. If you leave the time frame deactivated, the test will always be available.
- *Time limit*

If the test is to be completed within a certain time, activate this option and set the time. Otherwise, students can take as much time as they need.
- *When time expires*

Select from the dropdown menu what should happen if students fail to finish the test before the time runs out. If the participants are actively working on the test when the time expires, their current progress is automatically saved. If they are logged out, this setting determines what happens. The options are:

 - The test attempt is automatically submitted.
 - Grace period: open attempts can be finished, but no further questions can be answered.
 - The test must be submitted before time expires to be graded.
- *Grace period for submission*
 - If you chose the *Grace period* option in the previous setting, you can now activate a grace period for submission and set a time duration to allow students to finish their answers.

Grading


In the *Grading* section, set the number of allowed attempts and the grading method. If you haven't set any *grading categories* previously, there will be nothing to select here.

The *Passing grade* option determines the minimum grade required to pass.

Set the number of *Allowed attempts* by opening the dropdown and selecting the desired number.



If you allow multiple attempts, you can choose the *Grading method* from the dropdown. You can select whether the best attempt, the first, the last, or the average of all attempts should count towards the final grade.

Question Layout

For better clarity, it may be useful to start *Each question* on a *New page*. If you have related questions or only a few, you can group them together, which will automatically insert page breaks after a certain number of questions, or display all questions on one page by adjusting the *New page* option. Page breaks can still be manually modified during the test setup. 

For *Navigation*, you can choose between *Free navigation* and *Sequential*. If you want participants to proceed through the test in the order you've set, select *Sequential*. With *Free navigation*, participants can skip between questions and answer them in any order they choose.

Question Behavior

-  *Shuffle within questions* This option shuffles the answers within individual questions on each attempt, provided it is also enabled in the question settings. This makes it harder for participants to copy from each other. This function is only effective when questions consist of multiple parts (e.g., *Multiple Choice* or *Matching Question*). For Multiple-Choice questions, answers will only be shuffled if this option is set to *Yes*. For Matching questions, the answer pairs are always shuffled.
- *Question Behavior* Alternatively, feedback can be provided immediately after each question is answered (*Immediate Feedback*). If a question is answered incorrectly, participants can attempt it again, with point deductions applied for multiple attempts (*Interactive with Penalties*). It is also possible for participants to self-assess how confident they are in their answers. 
- *Each attempt builds on the last* If this option is set to *Yes*, the test will always display questions in the same order, allowing participants to see the answers they selected in previous attempts. If you prefer that the test questions appear in different orders, select *No*.

Review Options




- *During the attempt* controls feedback directly related to the currently answered question, typically used with 'Interactive with multiple tries'.
- *Immediately after the attempt* means feedback will be displayed within two minutes after the test is submitted and completed.
- *Later, while the quiz is still open* shows feedback as long as the test is available during the

defined period.

- *After the quiz is closed* refers to feedback provided after the test period has ended. If no end date is set, this option is not relevant.

Select the points that should be displayed to participants during and after the test.

Display

First, choose the option *No image*, *Small image* or *Large image* under *Display user picture* to show  the student's name and profile picture during the test.

Set the decimal places for the grade by opening the dropdown menu under *Decimal places in grades* and selecting the desired number. This setting affects only the display; all decimal places are still factored into the grading.

If you expand the optional fields, you can also set the decimal places under *Decimal places in question grades* for individual question grading.

During the test, course blocks are hidden by default. If you want them to be available to participants, set the option *Show blocks during quiz attempts* to *Yes*.

Under *Extra restrictions on attempts* you can set a password. Participants will be prompted to enter this password when starting the test attempt. This feature allows you to restrict access to only selected participants (those to whom you provide the password).

Overall Feedback

With *Overall feedback*, you provide students with feedback at the end of a test attempt. 

You can customize the *grade boundaries* and the *feedback* können Sie (except for the *100% boundary*). For example, you could suggest in the feedback field that students review the material again if their score is below a certain threshold.

The numerical values define intervals. If the test result falls between the value above and the value below the *feedback* text, the feedback text corresponding to that range will be displayed.

The grade boundary can be entered either as a percentage (e.g., 31.3%) or as a raw score (e.g., 7). If your test has 10 points available, a boundary value of 7 means the student needs to score 7 out of 10 points. Be aware that there must be no space between the number and the percentage sign for percentage boundaries.

If you need more *feedback fields*, you can add additional fields by clicking *Add 3 more feedback fields*

Additional Settings

In the *Additional Settings* you can configure whether to *display* or *hide* the activity on the course page, just as with other activities and materials. The *ID number* field can be left empty. Here, you can also *force the course language* to be set to English. If you are working with *groups* or *groupings*, you can assign them here.



Prerequisites

If you want to link the activity to specific *prerequisites* and criteria, you can set the criteria through *Additional criteria* for example, by tying it to the completion of another activity or a specific date.

Completion Tracking

If you have enabled *Activity Completion* in your course, you can specify how the activity should be marked as completed if desired.

Finally, save your settings using the buttons *Save and return to course* or *Save and display*.

You have now created the *Quiz* activity. Next, you will need to add questions to fill the test with content. To do this, click on *Add question*.



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