How to Add a Moodle quiz (the settings)

Moodle Help & Support

This refers to Moodle 3.6 from July 2019 onward

There are many question types in Moodle quiz. A key feature is that it allows the use of MathJax for Mathematical notation in questions, student answers and feedback.

If you are creating online summative exams then Rogo should be used. It is more secure than Moodle quiz and has features that are used to support the full lifecycle of a summative exam. We shall also be developing Rogo to meet University needs whereas Moodle quiz shall remain as you see it now.

Add a Moodle Quiz

1. Click on the Turn editing on button in your module (top right).

2. In the section you want to add it to click on the + Add an activity or resource hyperlink

3. Select the Quiz activity then click on the Add button

4. Give your quiz a Name

5. We recommend you also give it a Description i.e. the instructions for completing the quiz

6. If you wish, select Display description on module page to make the description show on the main module page (default is not to show it)

7. Amend the settings where necessary (see below for an explanation of all the settings)

8. When you have finished with the settings, click on the Save and display button to start adding questions.
- **Open the quiz**: If this is enabled, students will only be able to start their attempt after the open time.

- **Close the quiz**: If this is enabled, students must complete their attempts before the close time.

- **Time limit**: If enabled, the time limit is displayed on the initial quiz page and a countdown timer is displayed in the quiz navigation block.

- **When time expires**: If ‘Time limit’ or ‘Close the quiz’ have been enabled, this setting determines what happens when the time limit expires. If a student is attempting the quiz at the time, their attempt will be submitted automatically. If they have an open attempt they can submit it in the grace period if this has been set otherwise the attempt will not be submitted.

- **Submission grace period**: This is where you set the ‘extra time’ a student is allowed to finish the quiz once the ‘Close the quiz’ or ‘Time limit’ has passed.

- **Grade category** relates to categories you create in the grade book (Grades). These are rarely used.

- **Grade to pass**: This setting determines the minimum grade required to pass. The value is used in activity and module completion, and in the Gradebook. It is not essential and normally not used.

- **Attempts allowed**: The default number of attempts is ‘unlimited’. You can restrict attempts to 1 -10.

- **Grading method** is useful if students are allowed multiple attempts. You can select how the grade is calculated including Highest grade or last attempt.

- **New Page**: As you create and add questions in the edit screen, they form pages. The number of questions that appear on those pages is
determined here. If you want it to vary, you can manually change this on a page-by-page basis in the edit screen.

- **Navigation method:** ‘Free’ navigation means students can jump between pages. ‘Sequential’ means they are restricted to the order in which the pages have been created and cannot return to a previous page.

## Question behaviour

<table>
<thead>
<tr>
<th>Feature</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shuffle within questions</td>
<td>Yes</td>
</tr>
<tr>
<td>How questions behave</td>
<td>Deferred feedback</td>
</tr>
</tbody>
</table>

### Review options

- **Adaptive mode (no penalties)**
- Deferred feedback
- Deferred feedback with CBM
- Immediate feedback
- Immediate feedback with CBM
- Interactive with multiple tries

- **Adaptive mode**
- ‘Deferred feedback’ means students will only see the feedback you’ve added for each question once the quiz has finished. ‘Immediate feedback’ enables you to use the ‘Immediately after the attempt’ option within the Review options section, so that students see feedback after they answer each question. ‘CBM’ (certainty-based marking) enables an option within questions whereby students state how confident they are that they’ve got the question right. This impacts the scoring for each question. ‘Deferred feedback’ and ‘immediate feedback’ are the most commonly used options.

### Appearance

### Extra restrictions on attempts

- **Shuffle within questions:** You can shuffle the options within the question such as multiple choice type. Each time a student attempts the quiz the options will be randomly shuffled if this is enabled in the question settings.

- **How questions behave:** ‘Adaptive mode’ allows students to access hints you have set-up for each question. This require you to use ‘Whether correct’ under the ‘During attempt’ options within the Review options section. ‘Deferred feedback’ means students will only see the feedback you’ve added for each question once the quiz has finished. ‘Immediate feedback’ enables you to use the ‘Immediately after the attempt’ option within the Review options section, so that students see feedback after they answer each question. ‘CBM’ (certainty-based marking) enables an option within questions whereby students state how confident they are that they’ve got the question right. This impacts the scoring for each question. ‘Deferred feedback’ and ‘immediate feedback’ are the most commonly used options.

### Review options

<table>
<thead>
<tr>
<th><strong>During the attempt</strong></th>
<th><strong>Immediately after the attempt</strong></th>
<th><strong>Later, while the quiz is still open</strong></th>
<th><strong>After the quiz is closed</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>The attempt</td>
<td>The attempt</td>
<td>The attempt</td>
<td>The attempt</td>
</tr>
<tr>
<td>Whether correct</td>
<td>Whether correct</td>
<td>Whether correct</td>
<td>Whether correct</td>
</tr>
<tr>
<td>Marks</td>
<td>Marks</td>
<td>Marks</td>
<td>Marks</td>
</tr>
<tr>
<td>Specific feedback</td>
<td>Specific feedback</td>
<td>Specific feedback</td>
<td>Specific feedback</td>
</tr>
<tr>
<td>General feedback</td>
<td>General feedback</td>
<td>General feedback</td>
<td>General feedback</td>
</tr>
<tr>
<td>Right answer</td>
<td>Right answer</td>
<td>Right answer</td>
<td>Right answer</td>
</tr>
<tr>
<td>Overall feedback</td>
<td>Overall feedback</td>
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</tr>
</tbody>
</table>

These options control what information students see when they review a quiz attempt or look at the quiz reports.

- **During the attempt:** These options are enabled when ‘Adaptive mode’ or ‘Immediate feedback’ have been selected in the Question behaviour section.

- **Immediately after the attempt:** These settings apply for the first two minutes after ‘Submit all and finish’ is clicked.

- **Later, while the quiz is still open:** Even if these options are ticked, whether anything shows up or not depends on whether you’ve written in the relevant feedback field within each question. If ‘Right answer’ is selected, students will see what the correct answer was even if they get it wrong. If you’re using ‘highest grade’ or ‘last attempt’ (set in Grade), you may want to untick that option.

- **After the quiz is closed:** These settings are only used if a date has been set under ‘Close the quiz’.
- **Decimal places in grades**: The default is two decimal places. If you only want whole numbers to show (rounded up/down) choose zero. The same applies to marks awarded per question.

- **Require password**: Using a password might be useful if you want to restrict access to the quiz beyond e.g. Groups and Groupings or only to students that attended the lecture (give the password out at the lecture).

- **Require network address**: Limits access to the quiz to people accessing it from a certain location (using full or partial IP address numbers)

- **Enforced delay between later attempts**: If you have enabled students to attempt the quiz more than once, setting a time lapse between attempts could be useful. E.g. if you want to test their memory delay it by a couple of days or a week; if you are using it as a revision tool, do not enable a delay or make it a short delay, e.g. 5 mins.

The **Overall feedback** is received at the end of the quiz. If you are providing overall feedback, it is advisable to enter various boundaries. The boundaries control which piece of feedback the student receives. In this example, students that achieve 50% or above will receive the top feedback. Students that achieve 49.99% or less will receive the bottom piece of feedback.
Similar tutorials

The following other resources are also relevant to this topic:

- How to create Embedded answers (Cloze) questions in Moodle Quiz
- How to Add a Moodle quiz (the settings)
- How to Add questions to a Moodle quiz
- How to transfer questions for quizzes between Moodle modules
- How to export reports and statistics for Moodle quiz