

Pros and Cons of Creating Quizzes in Moodle vs. Microsoft Forms

Moodle	MS-Forms
PROS	
<ul style="list-style-type: none"> • Identifies whether a student has accessed a quiz, when pages were viewed, questions were answered, and quiz was started and completed. • Allows instructors to set a period during which a quiz can be taken (e.g., a few hours, a day, several days) while limiting the length of time students have to take the quiz within that period. • Includes 17 different question types. • Allows for creation of question banks so that that instructors can reuse questions in other quizzes, other courses, or share questions with colleagues • Allows instructors to generate quizzes from randomly chosen questions so that students receive different but equitable quizzes • Allows for insertion of videos and images into quiz questions • Allows for interactive videos by embedding quiz questions directly into a video (N.B. done using the H5P activity rather than the Quiz activity) • Allows for shuffling of quiz questions (even within quiz sections) and of multiple choice answer options • Allows teachers to upload questions into a question bank from a publisher or their own questions previously written in Word, etc. (some formatting may be required for the latter) • Allows for the sharing of quizzes in an agile fashion and individual and group overrides that allow for modified quiz times, dates, and durations for students with different needs • Saves students' answers in case of a power outage or device crash (when correct settings chosen: one answer per page and automatic submission when time is up) • Allows for a variety of question behaviours such as traditional, interactive with multiple tries, and adaptive (useful for formative and gamified quizzes), and conditional • Allows teachers to share their question banks with other instructors on Moodle 	<ul style="list-style-type: none"> • Is fairly easy to learn • Includes 8 different question types • Allows for insertion of videos and images into quiz questions • Allows for shuffling of questions and answers (with some limits. See "Cons" below) • Allows instructor to preview quiz (student view) • Has the ability to automatically grade short answer and multiple choice type questions • Has the ability to share feedback with students automatically after grades posted • Allows for grading one quiz or one question answered by multiple students at a time • Allows for setting of start and end times • Provides link for users to collaboratively write a quiz • Allows for quick sharing of quiz with a single link • Does not require students to be registered in an O365 Team. Students can even take the quiz without logging into O365 (not recommended) or just by logging into O365

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CONS	
<ul style="list-style-type: none"> • Requires that students are logged into a course in Moodle • Has a steeper learning curve than MS-Forms 	<ul style="list-style-type: none"> • Does not indicate whether students have accessed the quiz without clicking the submit button • Does not always save data inputted into a quiz in the case of a device crash or power outage (may depend on student's browser settings) • Provides only 8 question types vs. Moodle's 17 • Requires that teachers type or cut and paste questions into quizzes (no quick upload of publishers' or teachers' questions) • Does not include a question bank • Does not generate quizzes from randomly selected questions • Does not allow for shuffling of questions with quizzes containing sections