Learning Catalytics: Team-based assessments

In Team-Based assessments, students respond to the questions twice. In the first round, they work individually. In the second, students work as a team to answer the questions together. Any team member can enter responses on behalf of the team, and the team score counts for each person in the team. The team member that responds on behalf of the team need not be the same person for each response—any team member can respond on behalf of the team at any time.

Team-based assessments help students learn through collaboration by encouraging them to engage with peers and articulate their reasoning to each other.

When you create a team-based assessment, you’ll see several team settings:

- Select whether to create teams from the permanent Learning Catalytics groups, or let students assign themselves to new temporary groups at the beginning of the session. If you select the permanent group option, you'll need to arrange students into groups via the Groups button on the course home page before the team-based assessment begins. If students are forming temporary groups, allow time for it at the beginning of the session.

- Specify the number of attempts for the team round and the number of points a correct answer is worth after each attempt. Correct answers are generally worth fewer points
in later attempts. Avoid giving students too many attempts if you plan to include multiple-choice or other questions with constrained responses, as given a sufficient number of attempts students will eventually be able to arrive at the answer simply by process of elimination.

- Use the slider to determine the weighting for individual vs team work. Each student’s final score for the session is the weighted average of the individual score and the team round score.

Add or create questions at the bottom of the page. Note that team-based questions must have a correct answer so that they can be automatically scored. Autoscored question types may include direction, expression, many choice, multiple choice, matching, numerical, priority, ranking, and region.

If you accidentally add a question that’s not automatically scorable to a team-based assessment module, you’re prompted to remove it when you save the module.

Feedback is particularly important for team-based questions. If students don’t have the correct answer even after collaborating and attempting the question multiple times, feedback on what the correct answer is—and why—it gives them another opportunity to understand. Enter an explanation for the correct answer in the Answer/Explanation box, and teams that exceed the maximum number of attempts for the team round will see this along with the correct answer. Students will also see this feedback as they review their answers after the session.
When you create a session from this module, you may wish to allow students to do their individual work at home and save class time for the team round. If so, start the session when you want them to start work individually. Select **Start session**.

If you're not using permanent groups, allow time to let students select temporary teams. When all students have joined teams, click **Start individual round**. At this point, students can begin submitting individual answers in any order.

When the class is ready to answer as teams, select **Start team round**. You can determine that your class is ready by seeing how many students have responded and how many of their answers are correct.

Be sure to end the session at the end of class. This saves student data to the Learning Catalytics Gradebook.

For more information, see the online Help.