Learning Catalytics™

Learning Catalytics is a "bring your own device" web-based student engagement system. Get into the minds of your students to understand what they do and don't know and adjust lectures accordingly.

- **In-class engagement and collaborative learning**

  In class—both classroom-based and online classes—Learning Catalytics encourages student engagement and provides real-time insight into misconceptions. On your instructor console, you see student responses tabulated or displayed graphically as students submit them, and you can enable an "I don't understand" feature that students can use to let you know whenever they are confused.

  Also in class, quizzes and interactive worksheets can be delivered using Learning Catalytics rich question types in Self-Paced or Self-Test modules.

  Groups for discussing answers support peer-to-peer learning, where students can articulate their thinking and improve their conceptual understanding. Automatic grouping is available for Instructor-Led Synchronous and Automated Synchronous sessions, and permanent teams or student-formed temporary teams can be used in Team-Based sessions.

- **Peer-to-peer learning for workshops and asynchronous online courses (PLTL?)**

  Students in completely asynchronous online courses can participate in a Learning Catalytics session simultaneously with other students who are taking the same course. Has many options for group work and submitting answers as a group to foster discussions

- **Outside-of-class questions and review**

  Outside of class, asynchronously assigned questions let students work independently. Students can also return to older sessions to review Learning Catalytics questions.

- **Wide variety of question types**

  Students bring their own devices (not a separate clicker that limits the nature of question types and interactions), so you are able to deliver a wide variety of question types that students respond to by tapping or clicking a region of an image, dragging a pointer to indicate direction of movement, sketching on their screen, and even uploading an image they have created—in addition to typical multiple choice, numerical, algebraic, textual, matching, and ranking questions.

- **Content from Pearson and the academic community**

  For the modules you deliver, you can select questions from Pearson and from contributors in the wider academic community. You can also create your own questions and share them with your colleagues. Selection is easy using filters by source, contributor, topic, textbook, and question type.

- **Optional scoring and gradebook transfer**

  Performance measurements are captured at both the class and student levels for you to review at any time. You can automatically transfer scores from the Learning Catalytics Gradebook to the Mastering Gradebook then to Blackboard.
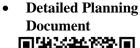
- **Devices students can use**

  To respond to questions: Students can use any modern web-enabled device, including laptops, smartphones (iPhone, Android, Blackberry, and so on), and tablets (iPad, Kindle Fire, and others).

- **Add a classroom seat map**

  Using a classroom seat map provides two distinct benefits for Learning Catalytics sessions:

  1. As students answer questions in an Instructor-Led Synchronous session or a Self-Paced session, either classroom-based or online, you can see responses as soon as they are submitted. If a question has correct and incorrect answers, the seats turn green and red accordingly. You can point to any seat to see who's sitting there and how they answered. In classroom-based sessions, you can associate the name with the student's face. Even in online sessions and asynchronous, you can see students' names and responses.
  2. For Instructor-Led Synchronous sessions, both classroom-based and online, you can use seating proximity as a criterion for creating collapsed groups for peer learning in that session.

- **Detailed Planning Document**

- **Intro Video**

- **Other Pearson Videos**

- **Guided Help Module**