

Delivering a Learning Catalytics session on a mobile device

Using a smartphone or tablet, you can move freely around the classroom as you deliver a live classroom session (all module types except Automated Synchronous). You'll find that you have all the same delivery options on your device as you do if you were stationary at the podium with a computer.

If you have a tablet, rotate it so it is in landscape mode, and then log in to your Learning Catalytics account as usual. You will be able to access your modules and deliver questions using the same web-based interface you would use on your laptop or desktop.

If you have a smartphone, continue reading to see how to prepare and use your device to control Learning Catalytics during class.

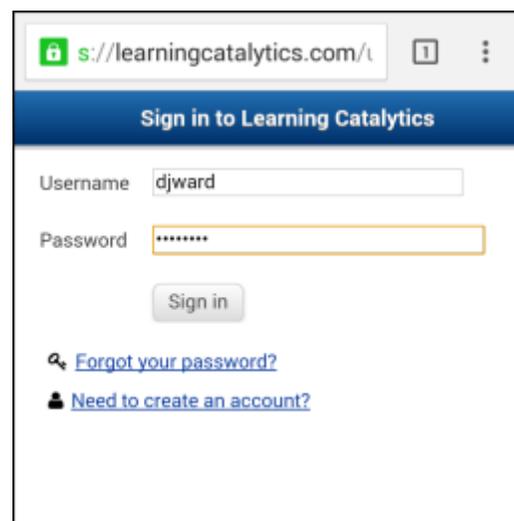
Get ready:

- Set up Learning Catalytics courses, modules, and questions in advance on a computer. You can't edit those on your mobile device.
- Associate your course with a seat map if you want to view the distribution of correct and incorrect responses as students submit them, and if you want to use automatic grouping for peer discussions.
- Sign in on a classroom computer or your own laptop in multiple-monitor mode if you want to display the Student View on a projector. Open Student View from the projector, and drag it to the second (projector) monitor. (Students see almost all the same information on their devices, whether or not you use a projector for Student View.)

Smartphone delivery

Sign in

1. Using your mobile device, go to learningcatalytics.com.
2. Supply your Pearson Username and Password.

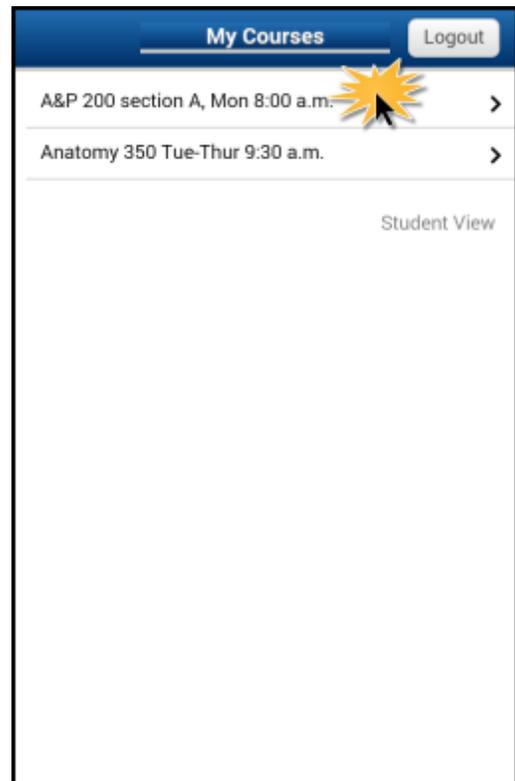


The screenshot shows a mobile browser interface for the Learning Catalytics sign-in page. The address bar at the top displays 's://learningcatalytics.com/'. Below the address bar is a blue header with the text 'Sign in to Learning Catalytics'. The main content area contains a 'Username' field with the text 'djward' and a 'Password' field with six asterisks. A 'Sign in' button is positioned below the password field. At the bottom of the form, there are two links: 'Forgot your password?' and 'Need to create an account?'.

My Courses

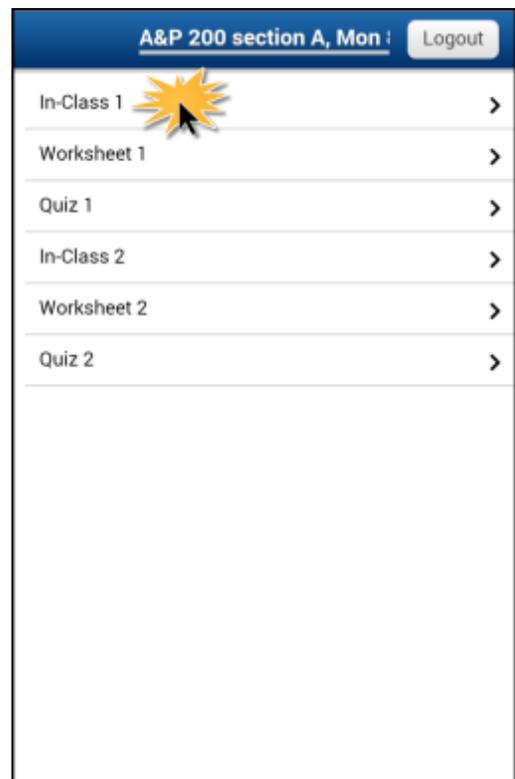
After you sign in, you see your courses listed.

Select a course to see the list of modules in that course.



Modules in the selected course

Select a module that you want to deliver in this session.

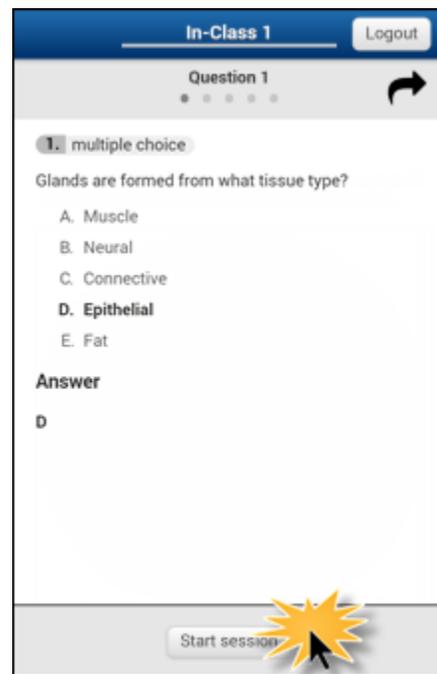


Question 1

Until you start the session and deliver a question, the questions in the module appear *on your device only*.

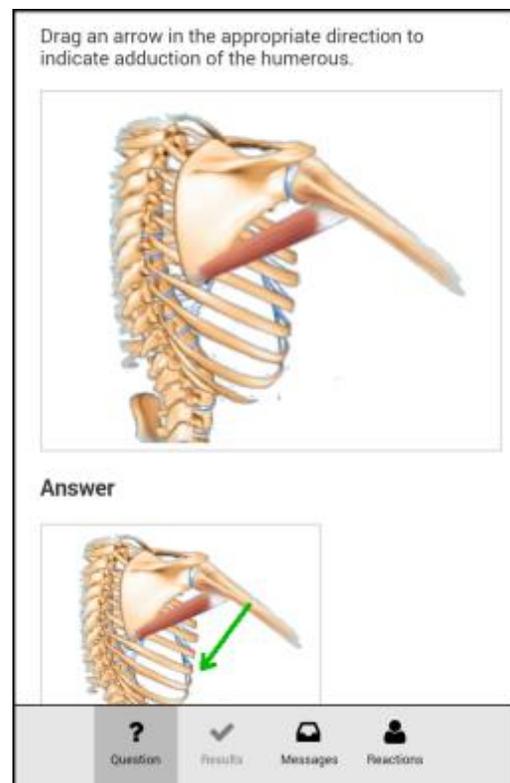
Select **Start session** to allow students to join the session and indicate their seat location if you're using a seat map.

Students see the projected Student View if you selected that option, but they *do not see any question until you deliver it*.



Optionally preview other questions and answers

After you start the session, you can deliver Question 1 or swipe horizontally to preview other questions, and swipe vertically to see the expected answer for each.



Select and deliver a question

When you're ready to deliver a question to students:

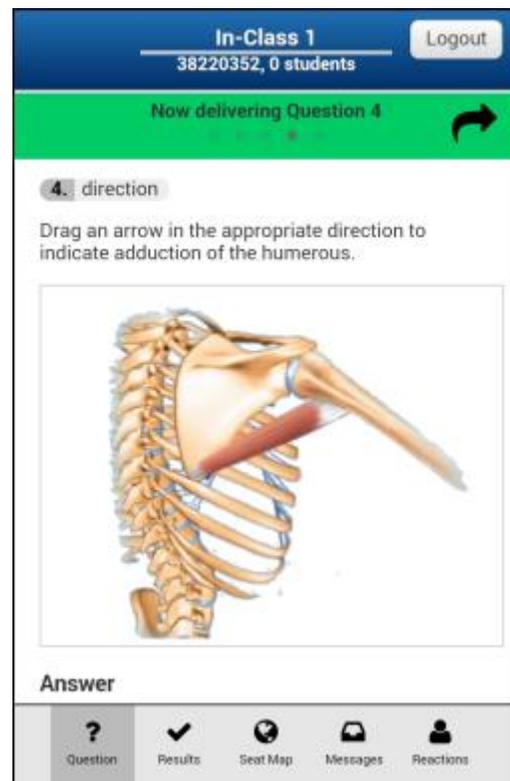
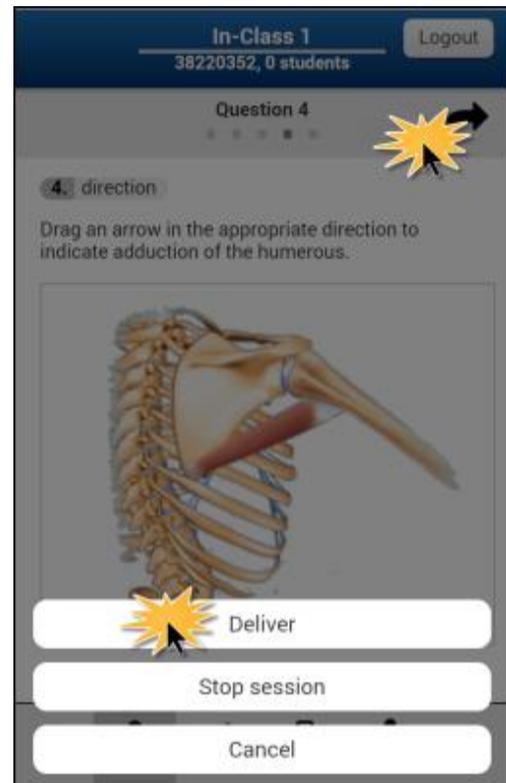
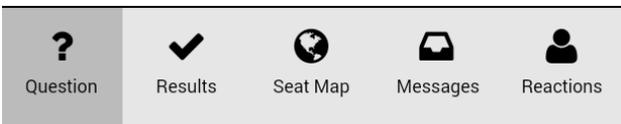
1. Display the question on your device.
As mentioned previously, swipe left or right to locate a question you want to deliver.
2. Tap .
3. Select **Deliver**.

To deliver another question after students have responded:

1. Tap .
2. Select **Stop delivery** to stop delivery of the previous question.
3. Swipe left or right to select another question.
4. Tap .
5. Select **Deliver**.

A green banner notifies you that you are delivering the question.

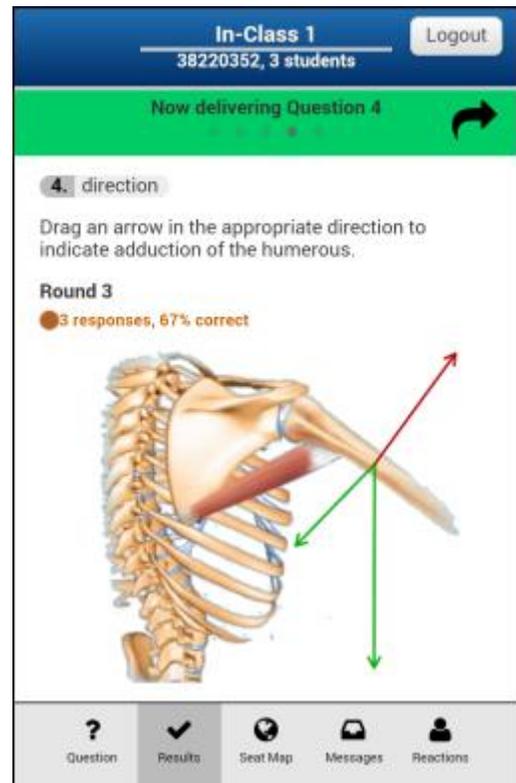
At the bottom you can tap options to move among the displays for:



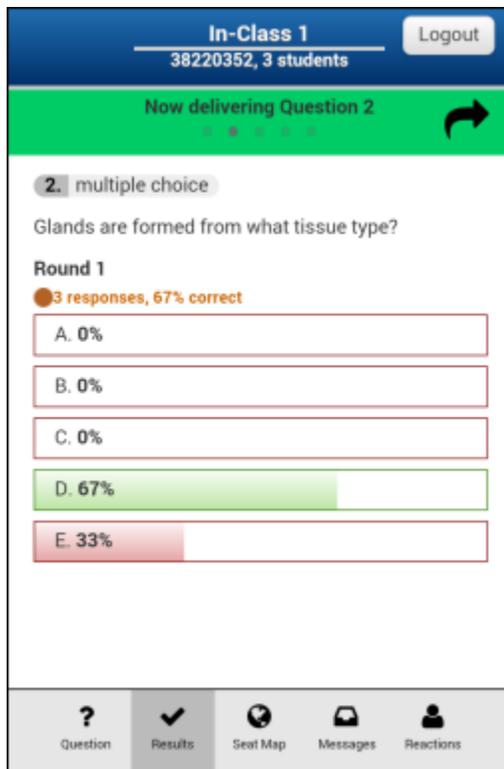
Results

Your view of how the responses are coming in varies according to the question type. This example shows student responses to a **direction** question.

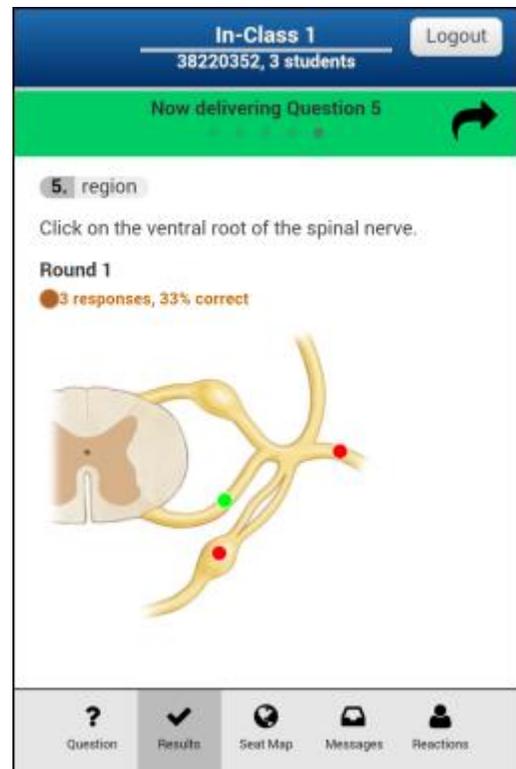
These responses appear only on *your device* and that of any assistants in class with you. See page 4 for information about displaying results to students.



This example shows student responses to a **multiple choice** question.



This example shows student responses to a **region** question.

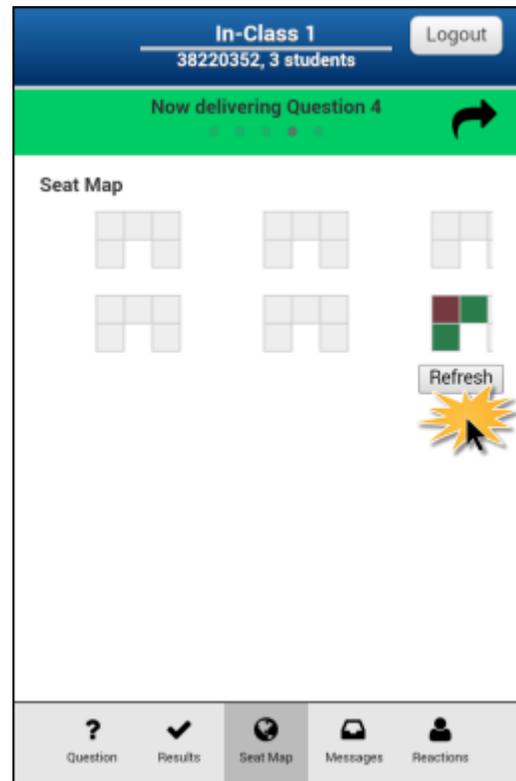


Seat map

At any time you can see an up-to-date distribution of correct and incorrect answers throughout the classroom, along with dark gray boxes to show the location of students who haven't submitted an answer yet. For multiple choice questions, you see which incorrect choices were submitted.

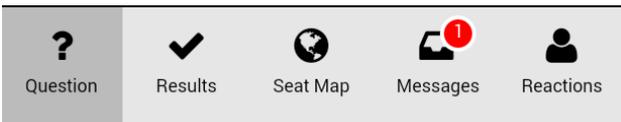


While you are delivering the question, student answers continue to come in, and students can even change their answers. You can **Refresh** the seat map to reflect the most current responses.

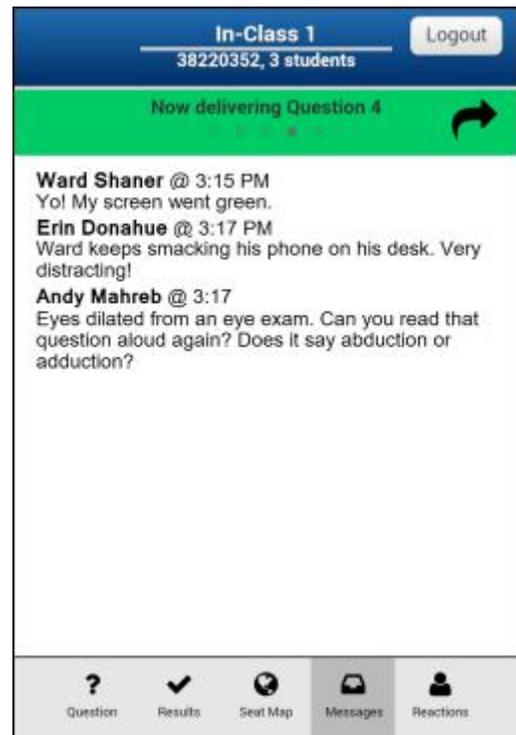


Messages

If a student sends you a message during the session, you see an indicator at the bottom of your view.



Tap **Messages** to see the message on your device.

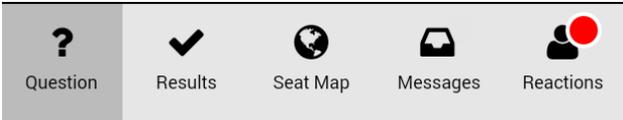


Reactions

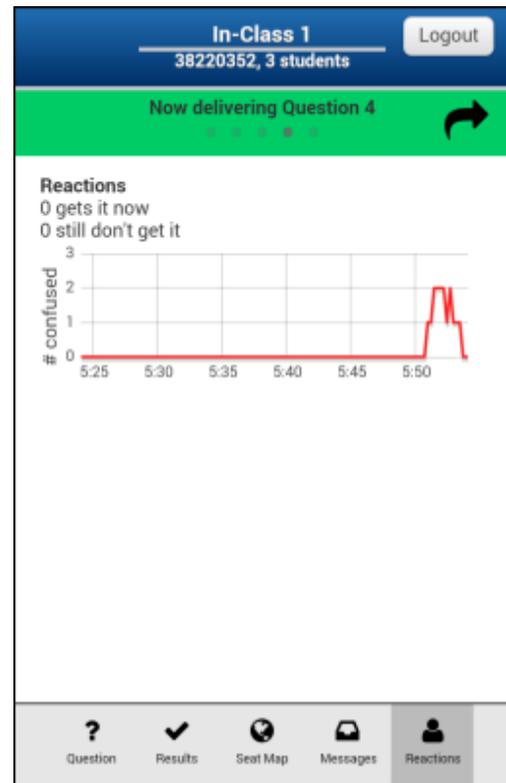
As you are delivering a question, students can tap “I don’t understand” on their devices to let you know they’re confused.

 [I don't understand](#)

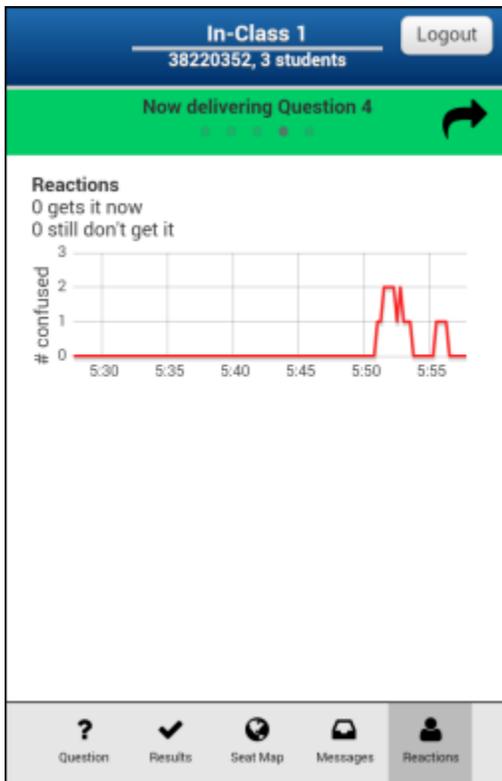
If a student taps “I don’t understand,” you see a reactions indicator at the bottom of your view.



Tap **Reactions** to see a graph that shows when and how many students have indicated they are confused.



The graph returns to 0 unless other students indicate that they don’t understand.



Other options while a question is being delivered

At any time during question delivery, you can tap  to see the options pictured here, which function identically to the corresponding options that you would access from your tablet or laptop during class.

Stop delivery ends students' opportunity to answer the current question and lets you select and deliver another question, as described on page 4.

Pause delivery also prevents students from answering the current question until you resume delivery, but it keeps the question displayed on their devices and on the projector.

Deliver again lets you deliver the same question in a new round. Students respond again, and results from the new round are aggregated and displayed next to results from earlier rounds.

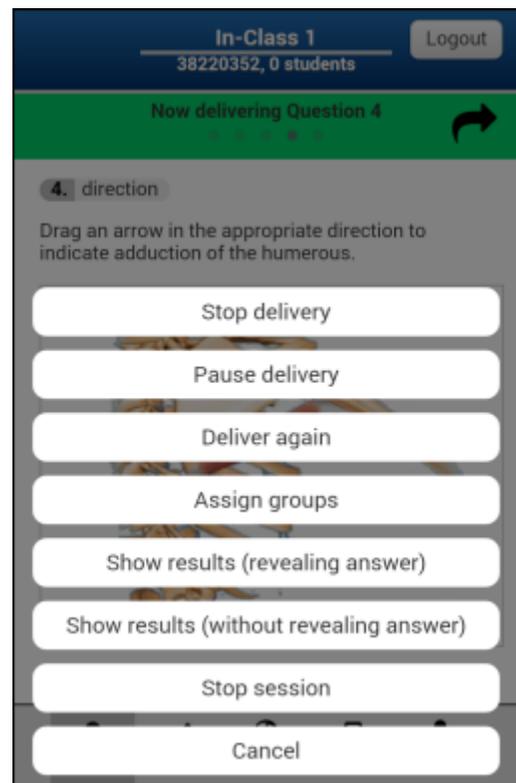
Assign groups invokes automatic grouping for peer discussion and redelivers the question for students to answer again following their conversations.

Show results (revealing answer) shares with students the response visualization that you have had access to in the Results tab, displaying correct responses in green and incorrect responses in red on both the projected Student View and each student's device.

Show results (without revealing answer) also shares the results with students but shows all responses in blue, with no indication of correct or incorrect.

Stop session ends the session, redisplay the list of modules in this course on your device, and sends student scores to the Learning Catalytics Gradebook.

Cancel hides the list of options.



Pause delivery

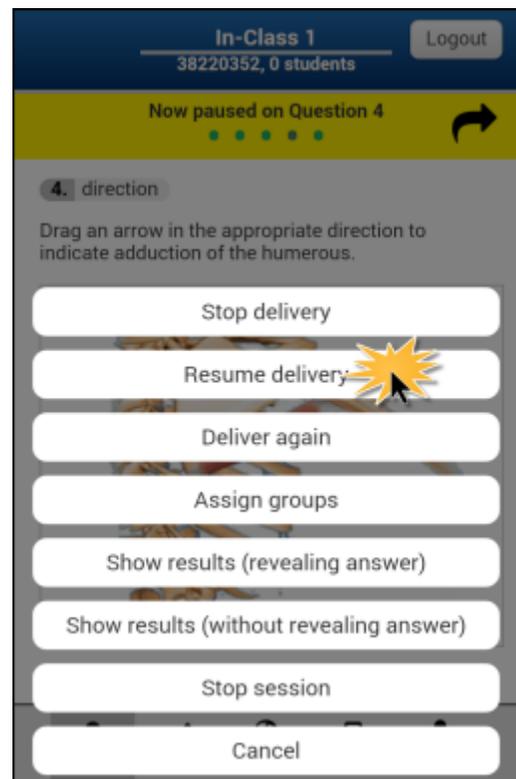
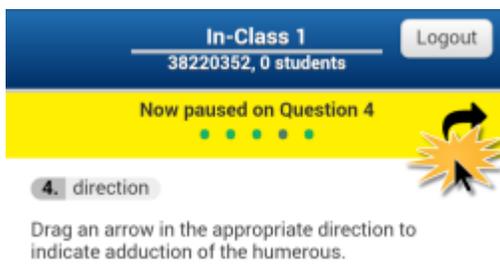
Pausing a question prevents students from answering the current question until you resume delivery, but it keeps the question displayed on their devices and on the projector.

When you have paused a question, you see the yellow banner pictured here.



Resume delivery

Tap  again to see the options pictured at the right, and then select **Resume delivery**.

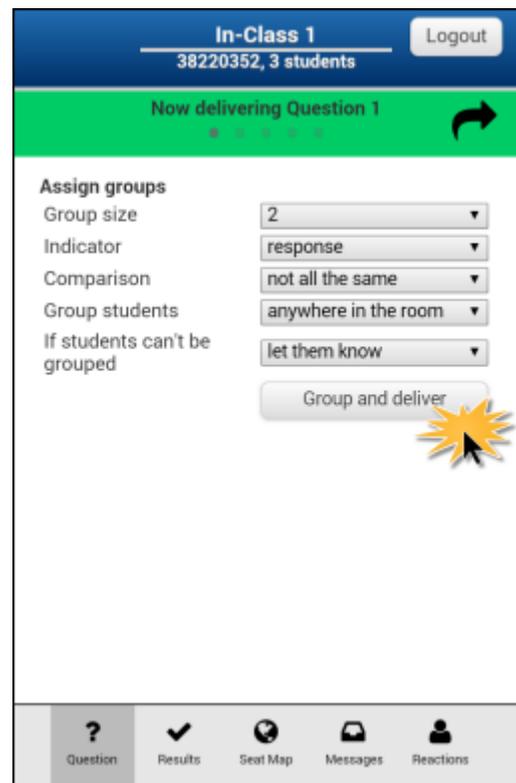


Assign groups

If you tap  and select **Assign groups** to start peer discussion of the current question, you see options that govern group formation.

The values you see are stored as defaults in Learning Catalytics Settings, which you set on your computer. You use your mobile device to change any of those values for this session only.

Select **Group and deliver** to send a message to students' devices telling them which group they have been placed in, and to present the question for students to answer again after their discussions.



The screenshot shows a mobile application interface for 'In-Class 1' with 38220352 students. The current question is 'Now delivering Question 1'. The 'Assign groups' section includes the following settings:

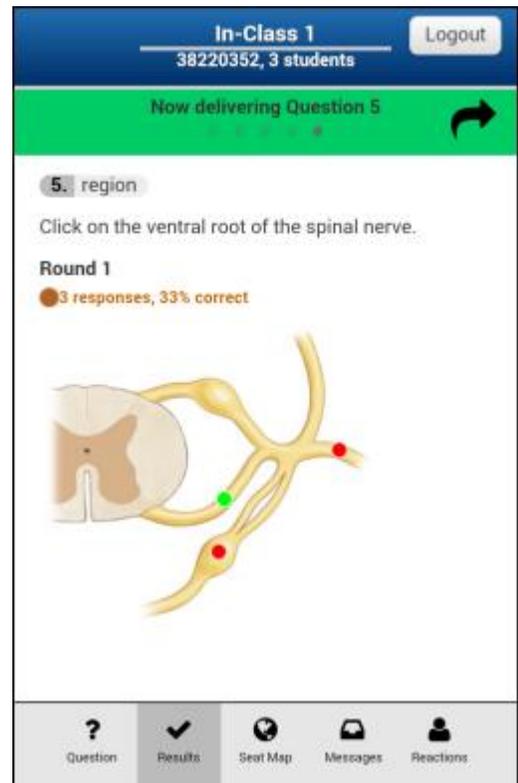
- Group size: 2
- Indicator: response
- Comparison: not all the same
- Group students: anywhere in the room
- If students can't be grouped: let them know

A 'Group and deliver' button is visible, with a yellow starburst icon indicating it has been selected. The bottom navigation bar includes icons for Question, Results, Seat Map, Messages, and Reactions.

When you invoke automatic grouping...

For example, you might be seeing these results on your device.

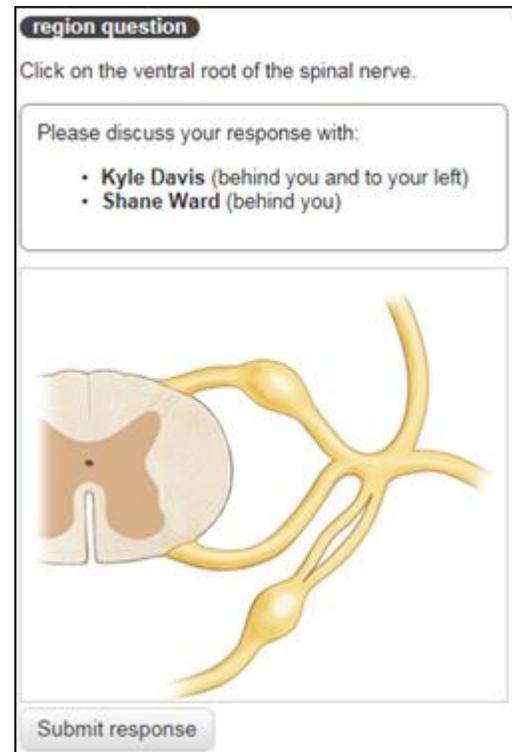
Because the number of correct responses falls between the recommend 30% – 70% range, you follow the steps described above to invoke automatic grouping.



Students see this...

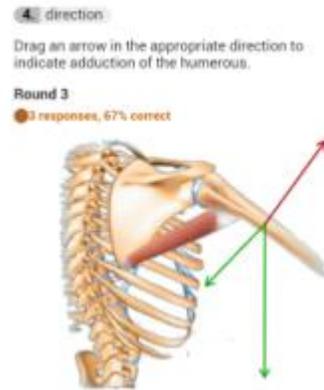
Based on a patented Learning Catalytics algorithm and your grouping criteria, students see an individualized message telling them who is in their discussion group and where to find them.

After their discussion, students answer the question again and tap **Submit response**.



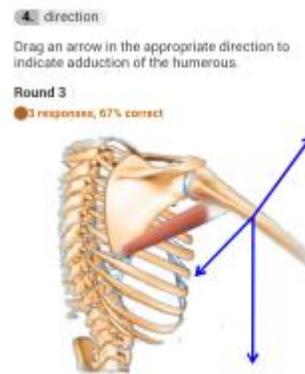
Show results (revealing answer)

When you reveal the answer, students see the same results you do, with red and green indicating correct and incorrect responses.



Show results (without revealing answer)

When you don't reveal the answer, students see all responses, but they don't know which are correct or incorrect

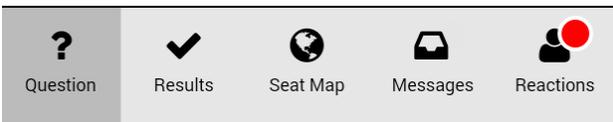


Reactions after you show results

After you have shown the results to students, either with or without revealing the correct answer, students have another chance to give feedback.

✓ [I get it now](#) ✗ [I still don't get it](#)

If any student taps "I still don't get it," a reactions indicator appears again at the bottom of your view.



Tap **Reactions** to see these new reactions. Tallies of both "I get it now" and "I still don't get it" are displayed at the top of your display, and the graph shows any recent "I don't understand" reactions.

