Creating questions in iClicker

iClicker Quick Guide: Creating Questions

⚠️ This quick guide assumes you are using version 7.0 and above

- Where do I create my questions?
- How can students reply to a question?
- How should I setup my question?
- How do I set up an anonymous poll?

Where do I create my questions?

- Questions are **not** prepared within the i-clicker software.
  - When an i-clicker session begins, a screenshot will be taken and saved. That screenshot can be referenced at any later time
    - What is a screenshot?
      - A screenshot is an image of the display on a computer screen.
    - Where are screenshots stored?
1. Screenshots can be found in your gradebook, to access the screenshots, open the i-clicker software and click "Open Gradebook", shown here in the orange box.

2. Once you are in your gradebook, click "View" on the session in which you like to see the screenshots from.

3. On the left-most column, the screenshots will appear alongside the corresponding session and results.

- Questions can be presented on any medium your feel is suited for the task at hand.
  - Examples would be
    - Having the question within a Powerpoint
    - Using SMART to write a question
    - Opening a word document and typing a question

- If I think of a question I want to ask mid-class, but have not prepared anything for the question, can I still use the i-clicker system for that question?
Spontaneous questions are a major component of the i>clicker system. Simply start a question like you would any other question. It is easier to score a spontaneous question immediately rather than later. Learn more about setting the correct answer during a session here.

How can students reply to a question?

- If you have set the question up as a "Multiple Choice" question, students will only be able to reply using the letters A, B, C, D, or E
- If you have set the question up as a "Numeric" question, students will only be able to reply using numbers, decimals, and powers
- If you have set the question up as a "Short Answer" question, students will be able to respond with any letter/s, numbers, or combination
  - By default, The i>clicker remote will allow students to respond to any question with sixteen characters or less
  - Can a student change their answer?
    - Yes, as long as question is still active they can change their answer as many times as they would like.

How should I setup my question?

It is important that students are clear on how they should respond to a question, whether that be with a full word, number, or letter/set of letters corresponding to a longer answer. It is good practice to establish a routine in the way you expect students to respond.

The i>clicker system works with the following types of questions.

**Multiple-Choice**

Setting Up a Multiple Choice Question

Typing full words with the i>clicker remote can be cumbersome, "Multiple-Choice" questions make the process more fluid and eliminate chances of spelling errors.

If the question is "Multiple-Choice", it should be clear that you are expecting the students to only submit the corresponding character. It should be clear what character corresponds with which response.

An example of a clear "Multiple-Choice" question within a Powerpoint may look as follows:

![Slide 5: Cells](image)

**Question #2: Multiple Choice:**

Cells all contain the following structures except:

- A) Plasma membrane
- B) Cytoplasm
- C) Flagella
- D) Nuclear material

Submit only the letter of the corresponding answer

**True or False**

Setting Up a True or False Question

Rather than have students submit the full word "true" or the full word "false", it is simpler to correspond the the words to letters. Corresponding the words with the letters "A" and "B" as a multiple choice question is the most popular practice.

- It is easier and far quicker for students to reply to a "True or False" question with the letters "A" and "B" rather than the full words
- If you do plan to use the "A" and "B" system, make sure students are aware of this expectation

An example of a clear "True or False" question within a Powerpoint may look as follows:

Remember, only letters A, B, C, D, and E are options if the question is set as a "Multiple Choice" question.

Only one question can be answered at a time, meaning, all students need to submit an answer to question one before moving on to question two (or you would need to close the question to responses). You cannot have some students working on question one and some on question two simultaneously.
Short Answer

Setting Up a Short Answer Question

- "Short Answer" questions can, by default, only be answered with a maximum of sixteen characters
- Minor deviations within submissions will count as separate answers, if you would like to accept these deviations as correct, you will need to set each deviation as correct

⚠️ Misspellings will count as deviations

An example of a clear "Short Answer" question within a Powerpoint may look as follows

Slide 6: DNA

Question #3: Short Answer:

List the first letter of each of the four nucleotides that make up DNA alphabetically.

Make sure the four letters are listed alphabetically

Numeric

Setting Up a Numeric Question

- "Numeric" questions can only be answered with numerals, decimals, and powers

An example of a clear "Numeric" question within a Powerpoint may look as follows
How do I set up an anonymous poll?

- An anonymous poll question records responses, but does not record the remotes associated with the responses.
- Anonymous poll question results will not show up in the gradebook.
- You will not be able to reference the poll data after ending the session.
- An anonymous poll question can be set up at any point in a session.

1. After starting a session, click the cog icon, shown below in the orange box.

2. Click "Anonymous Polling", shown below in the orange box.

3. After selecting "Anonymous Polling", an "AP Mode" text will appear above the cogs, shown below in the orange box.

4. To shift out of anonymous polling, repeat steps 1 and 2.