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April 11th, 2018

Using iClicker Cloud to Gamify Your Class and Engage Your Students

Objectives

1. Discuss the intent behind iClicker-based games and their use.
2. Describe how I use iClicker in the class.
3. Suggestions and best practices for gamifying your class.

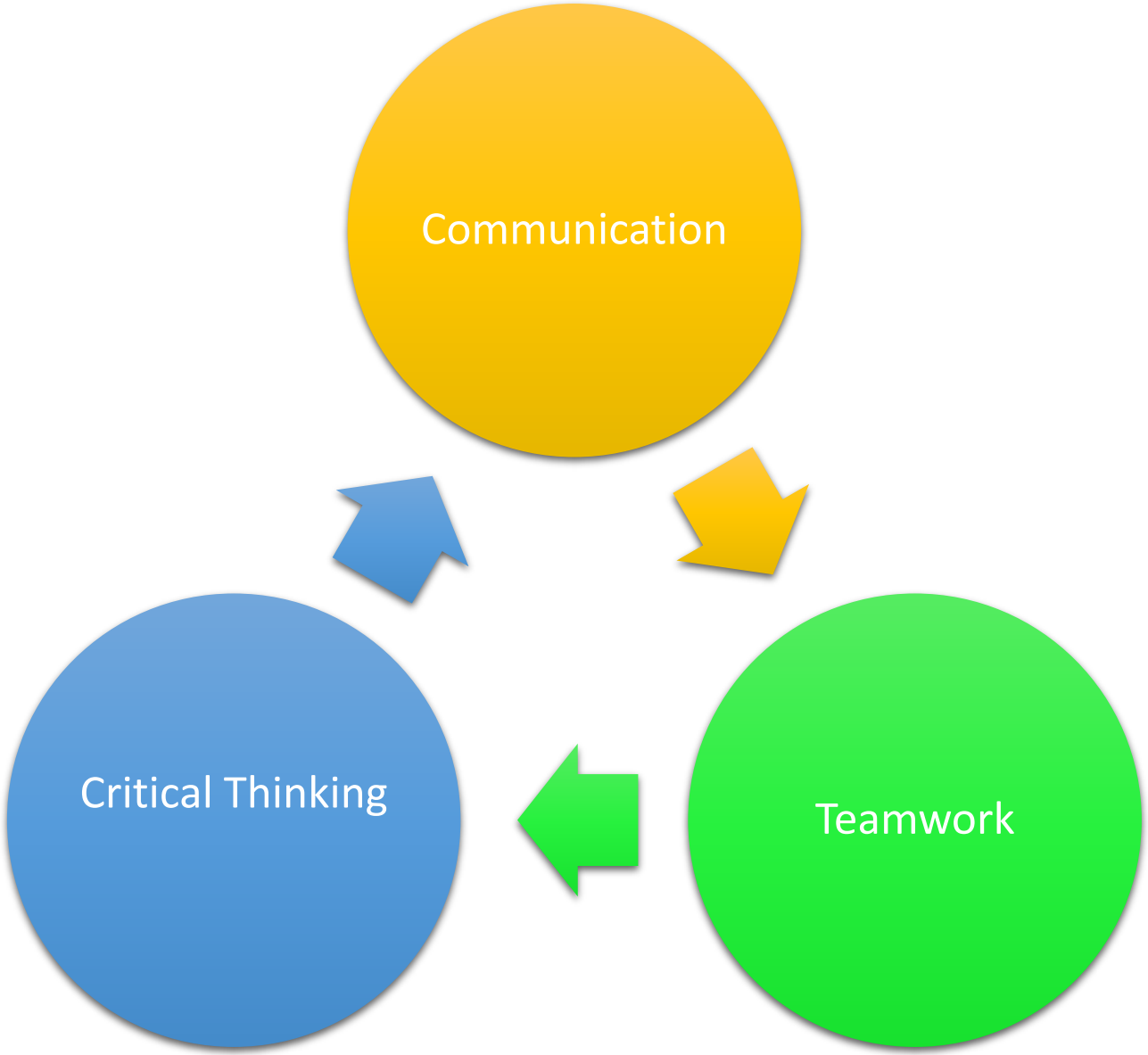
When to Use a Game?

In place of a quiz

Unit Review

Exam Review

Why Gamify



Why Gamify

Something Different!

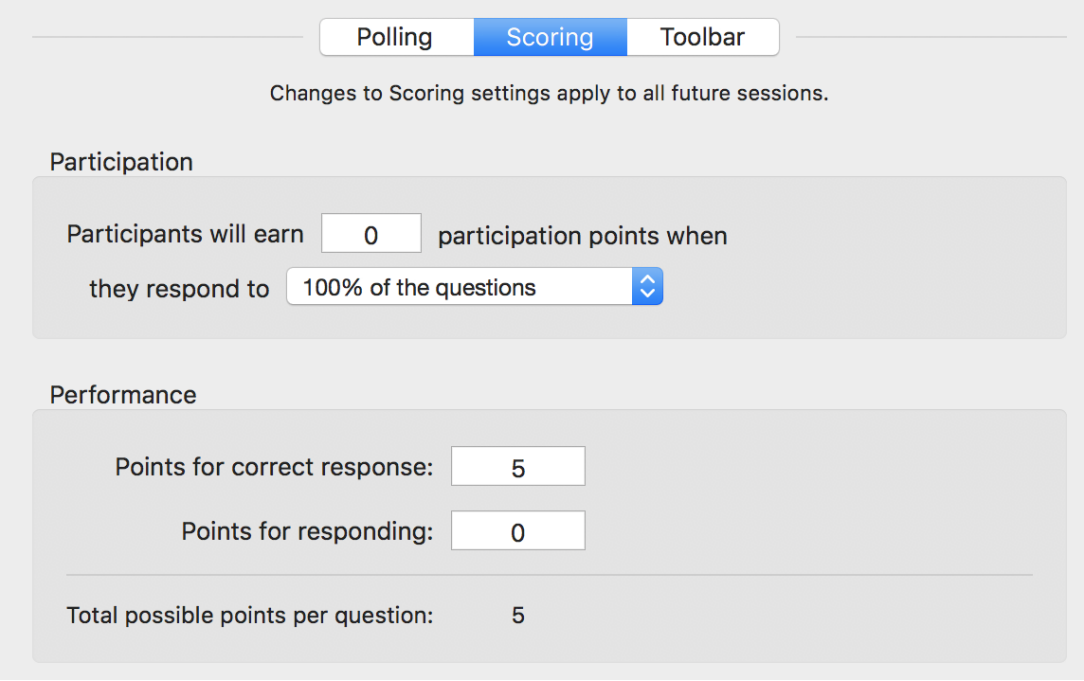
How I Use iClicker

How I Use iClicker

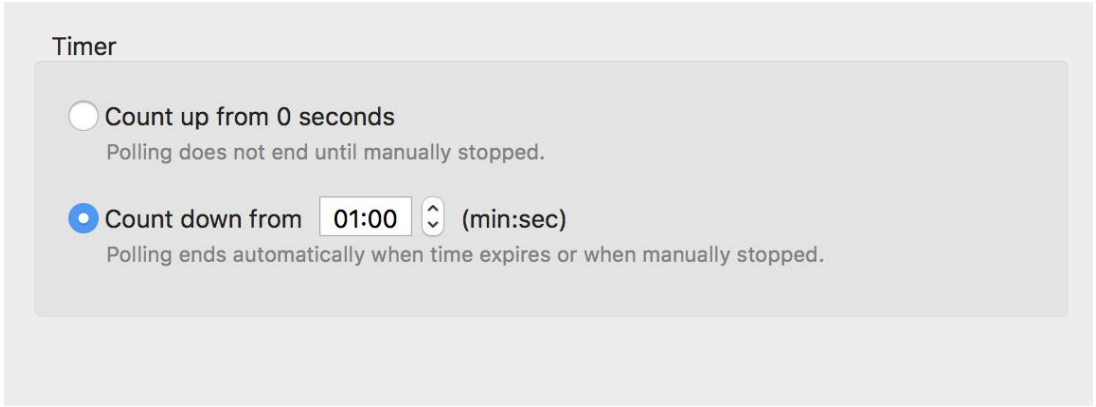
- Students use the app (REEF) exclusively.
  - This allows for a wider variety of question types, including **short answer** and target.
- Students work in groups.
  - This appears to up the **competitiveness** of the exercise as a whole.

How I Use iClicker - Setup

Points for correct responses is set. For games with ‘winners’ 0 points for responding.



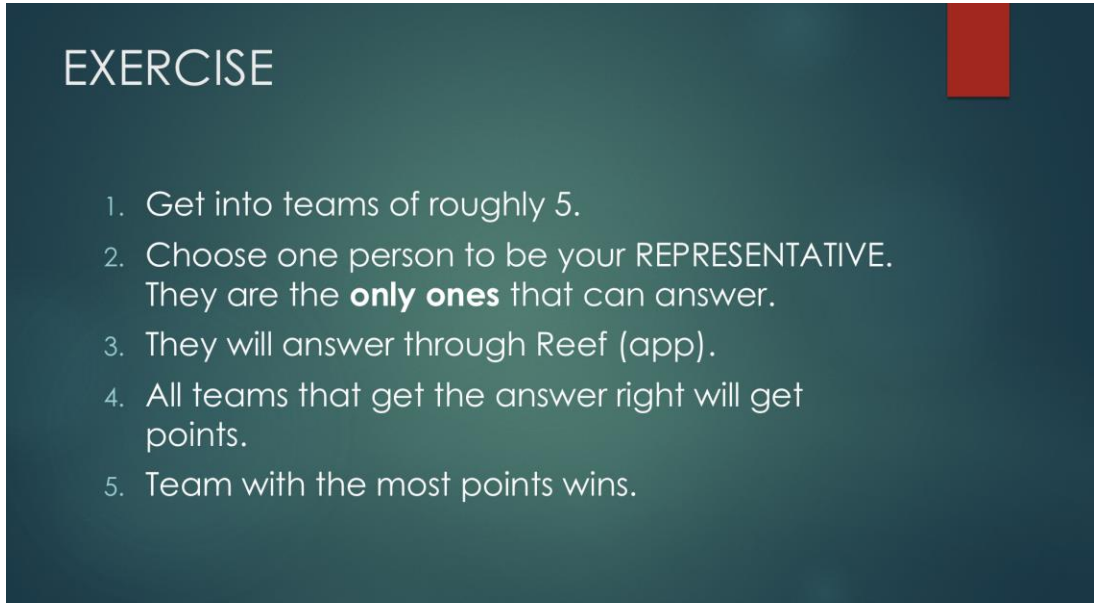
Count down is turned on. This allows you to go through more questions in the allotted class time.



How I Use iClicker

1. Clear instructions on the powerpoint.

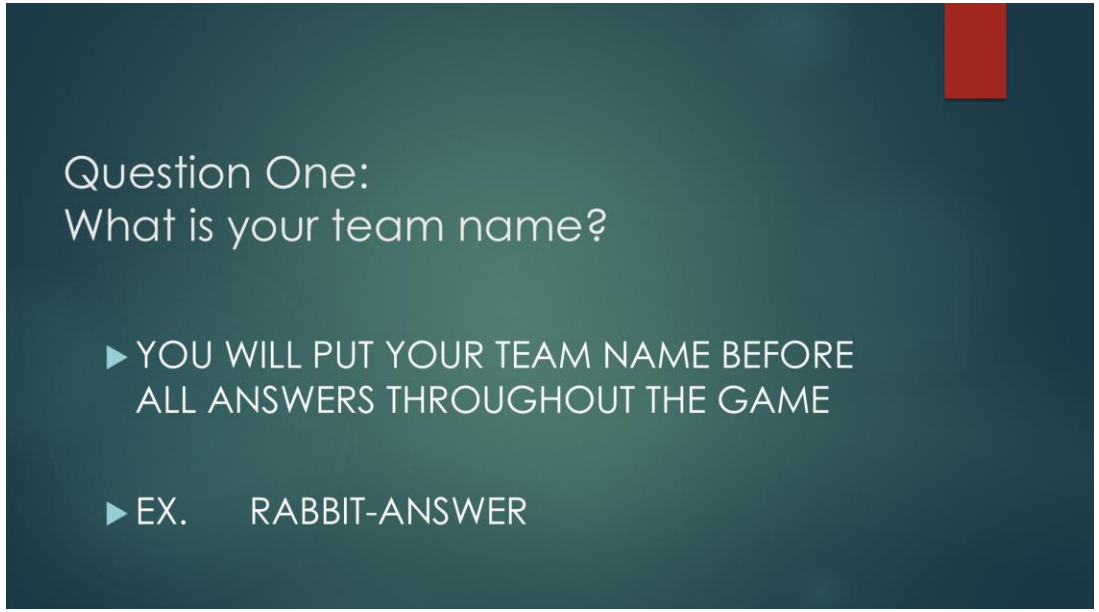
- This group setup encourages only **ONE** student to answer.
- **I** *primarily* use short answer questions for reviews, so this is especially necessary to limit the number of responses you need to review in real time.



How I Use iClicker

2. Creation of a team name.

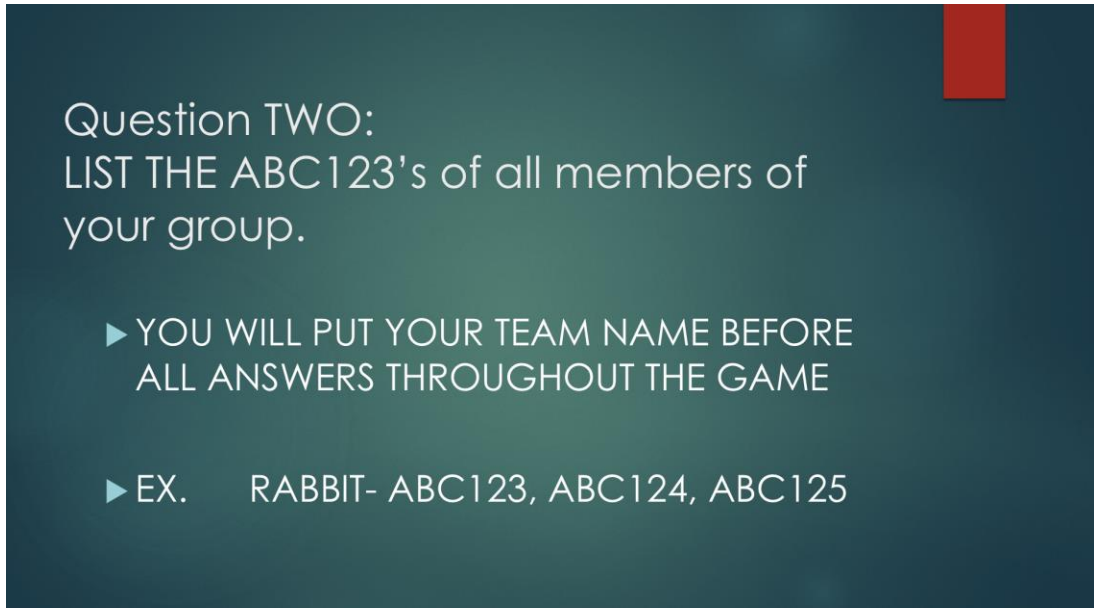
- Submitted on Reef
- Encourages a short-term group cohesiveness.
- Review names as they are coming in, as there are occasionally repeats.



How I Use iClicker

3. Have students list identifying information (names, University ID's, etc) of the group's members.

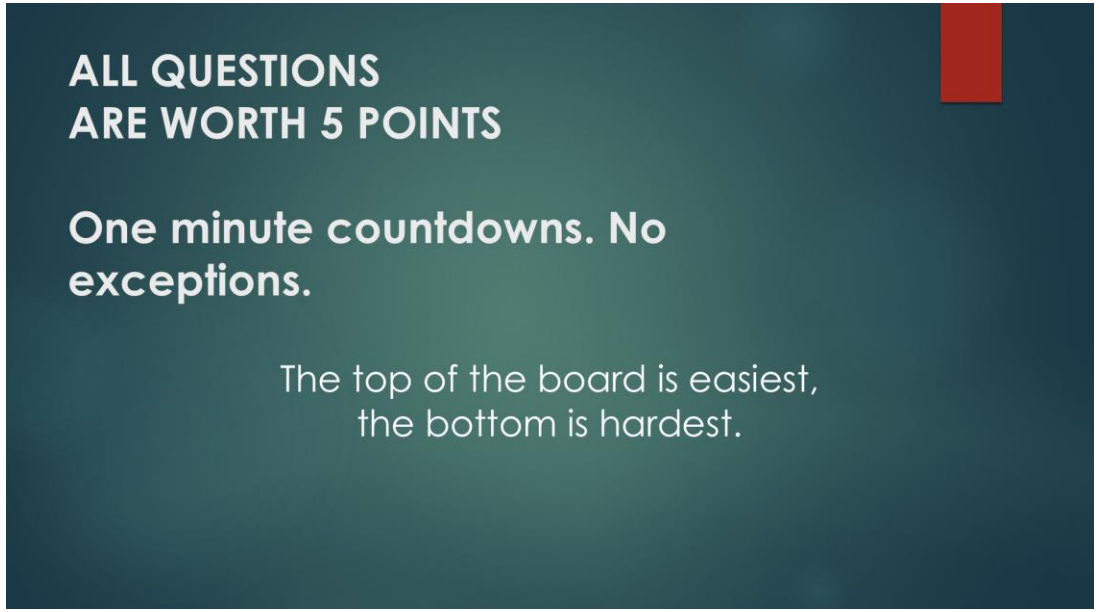
- I primarily look at this to see who grouped with whom.
- It's not the most savvy way to cross-reference attendance or participation.



How I Use iClicker

4. Identify how much each question is worth.

- When using iClicker to grade and keep track of points, it makes most sense to keep all questions the same value.



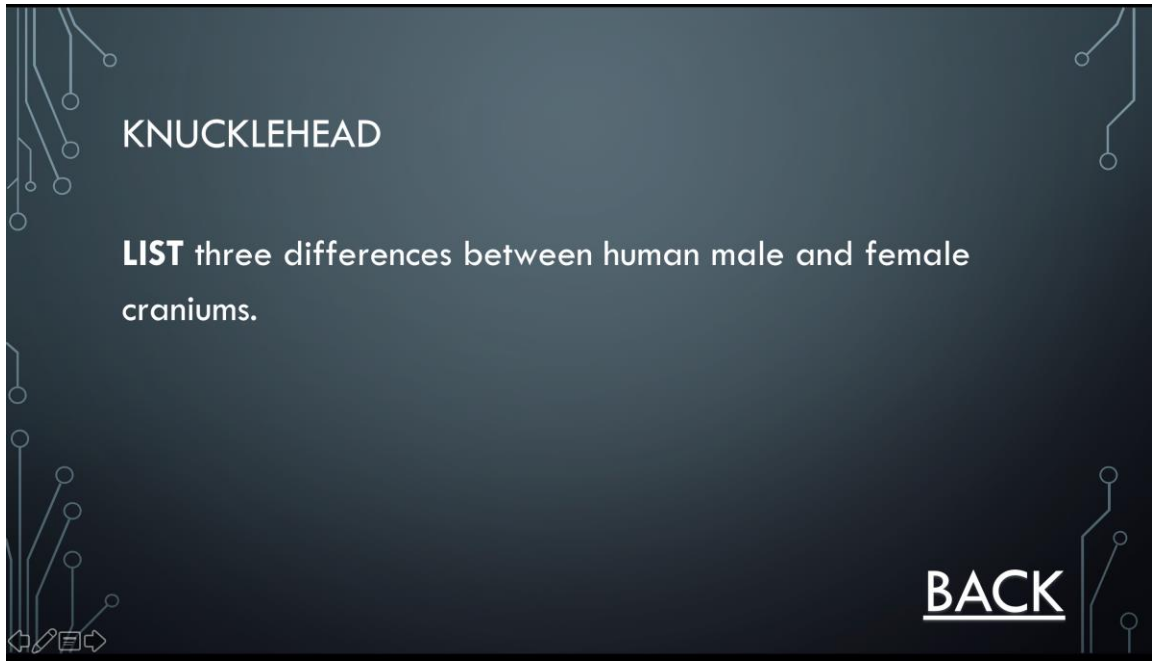
How I Use iClicker

5. The Game Board

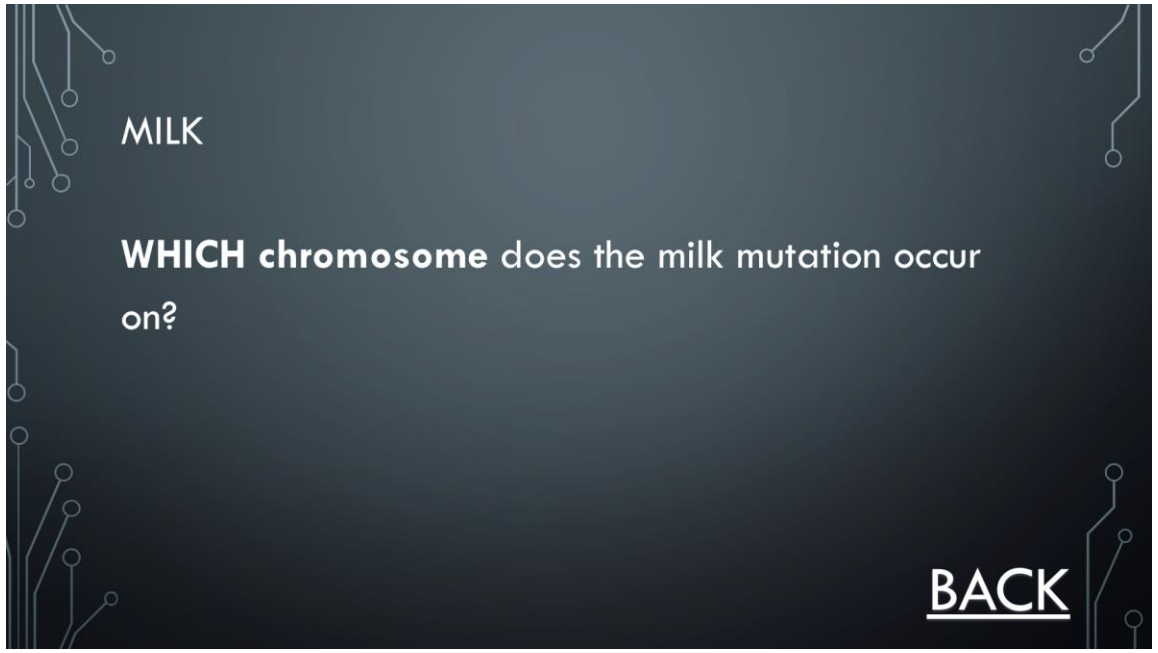
- I attempt to make it as colorful as possible, with categories that students will be intrigued by.

  (puns)

(Sub)Disciplinary	Chains	Cancelled	Ribbing	Milk
Objects	The Beginning	Round Pegs	Mistakes	Soda
What's in a Name?	The End	Mixed Up	Hearty	Knucklehead
Specialties	The Survivors	Forgotten	Wine	Obsession
Getting Sick	The Inheritance	Daughters	Spiderman	Give and Take

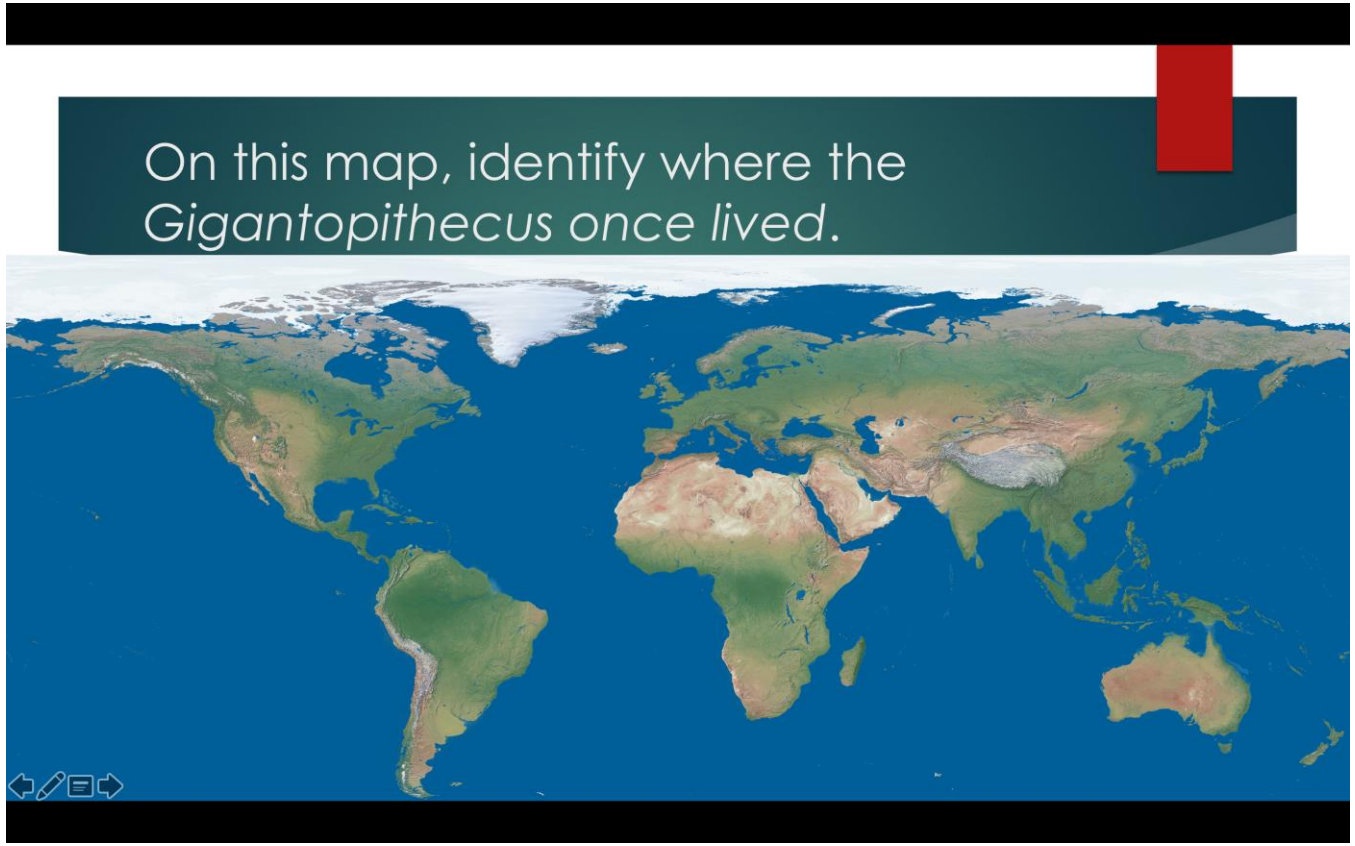


Smaller mastoid, less pronounced brow ridges, less muscle markings



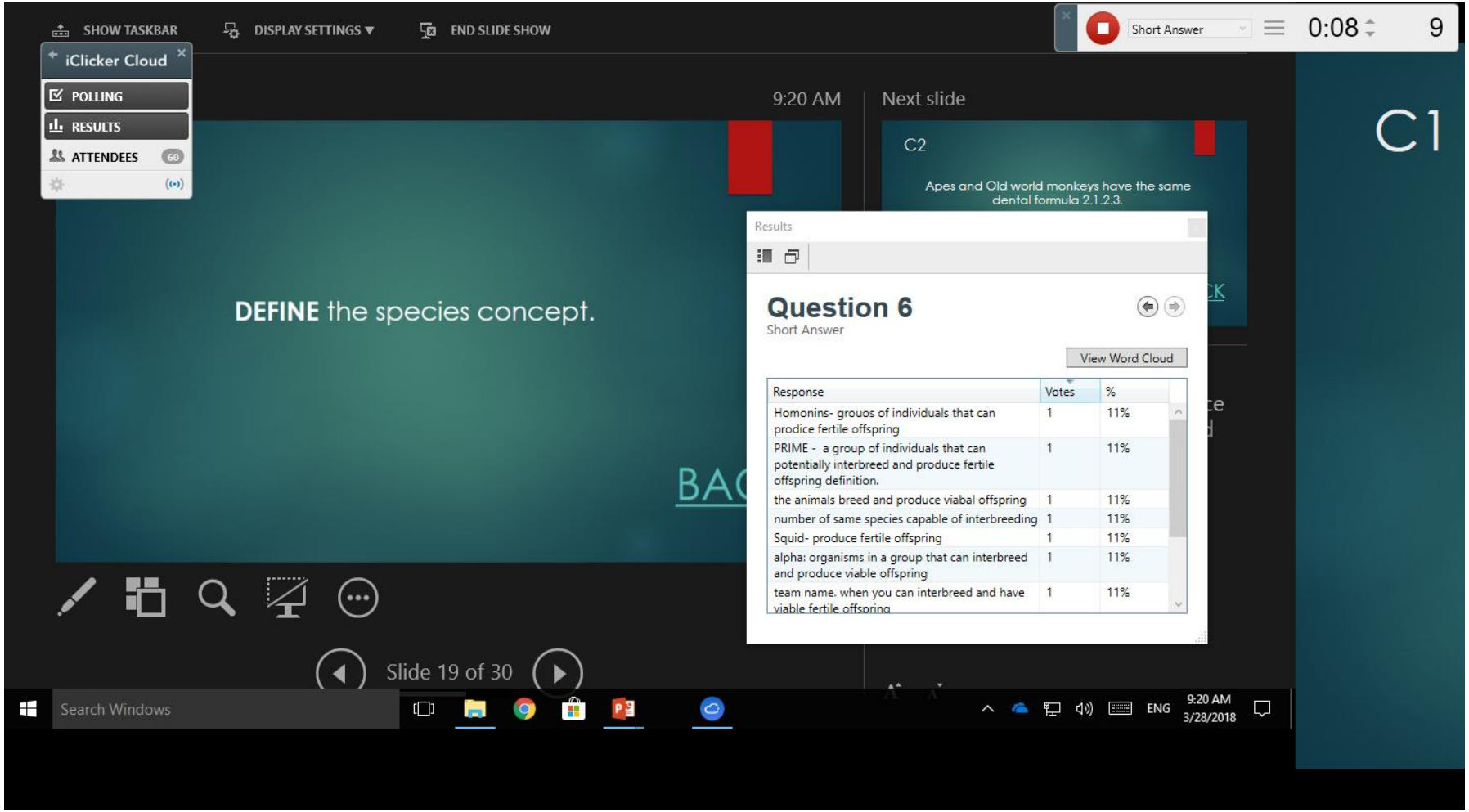
2nd chromosome

Question Examples



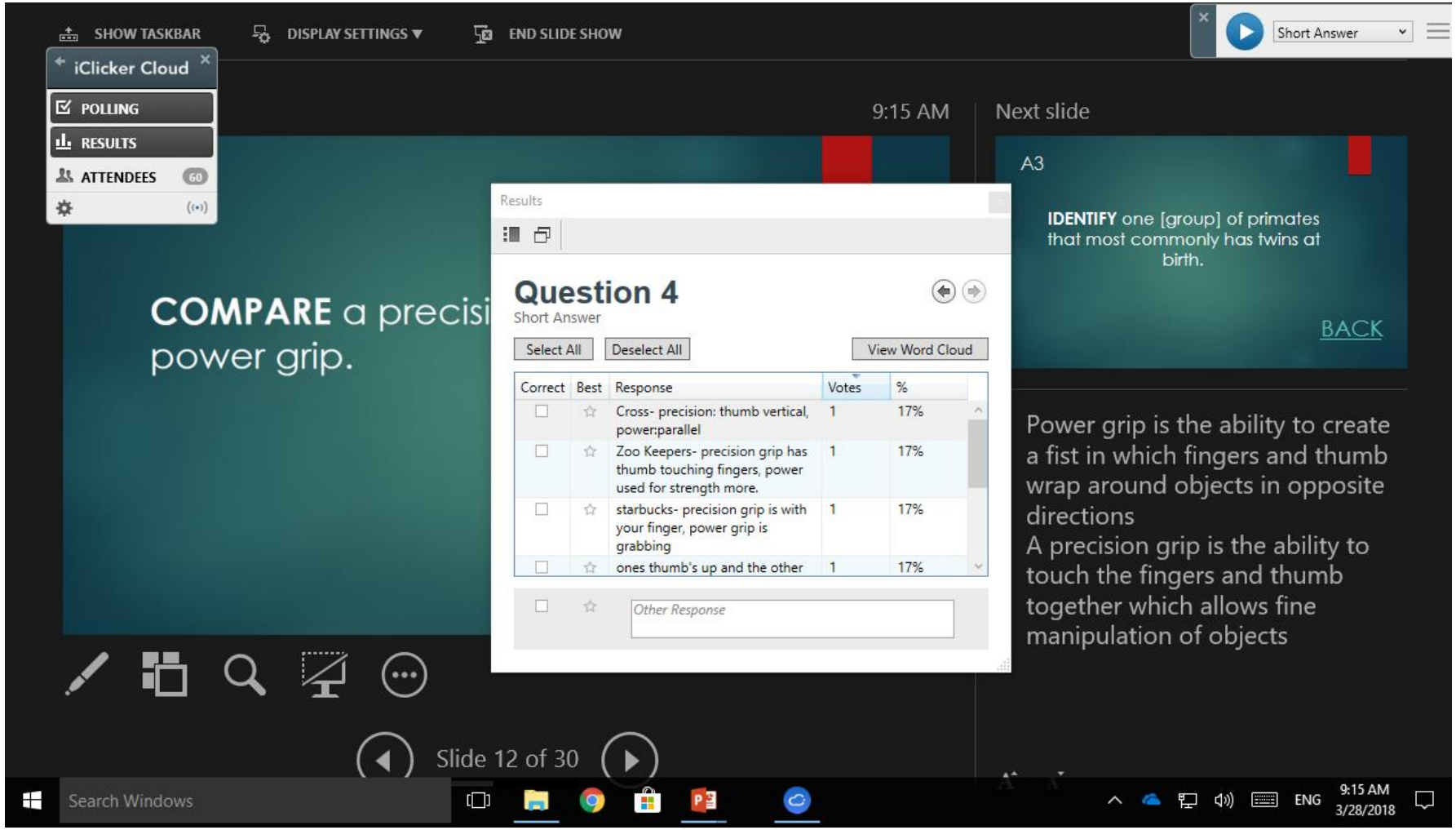
Question Example

How I Use iClicker



How I Use iClicker

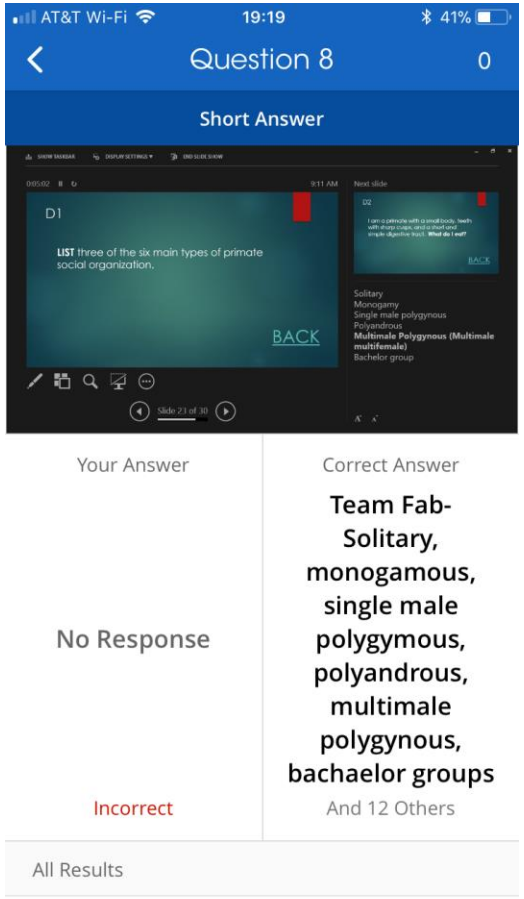
- Grade in Real Time



How I Use iClicker

- Students respond.
- Instant feedback AND POINTS.

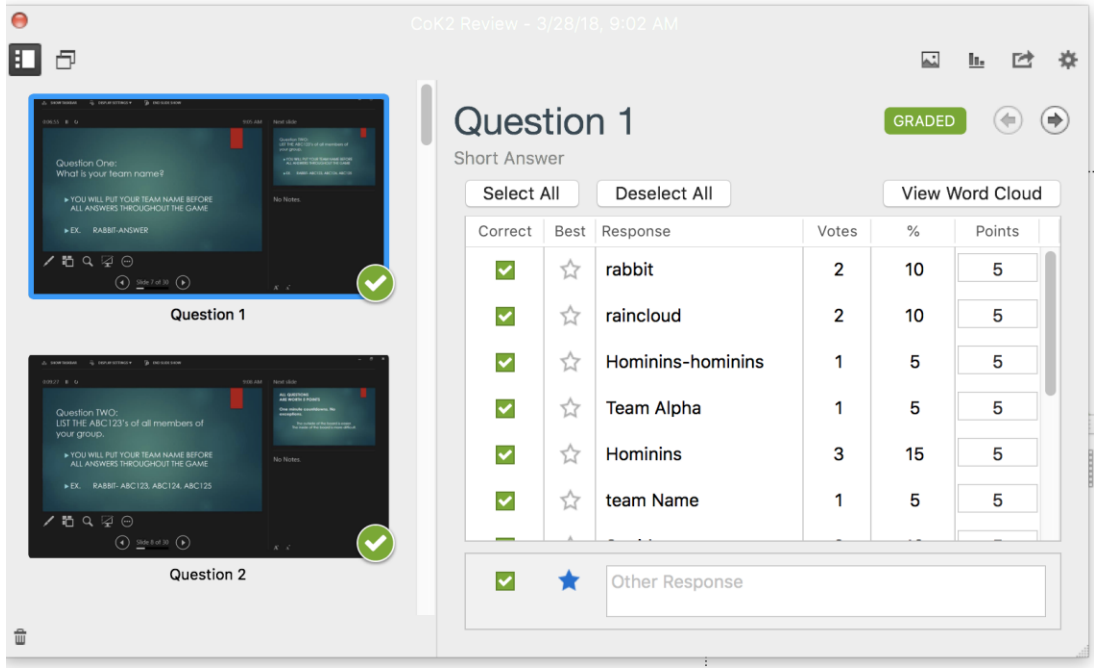
Question: List three of the six forms of primate social organization.



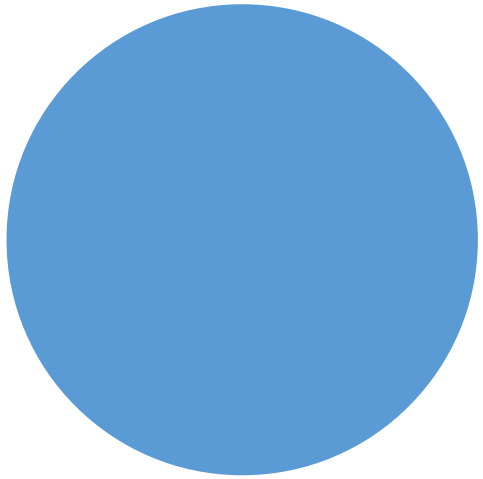
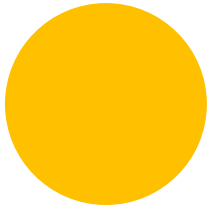
How I Use iClicker

- Declaring the Winner

- Have to close the session and export it to identify who has the most points.



Student Response

Suggestions and Best Practices

What Type of Question?

REEF

- All question types are possible.

iClicker2 Remote

- For ease, multiple choice and number.

What Type of Question?

IN GROUPS/PAIRS

- All question types are possible.

Recommendation: Integrate more short answer.

INDIVIDUALLY

- All question types *except short answer*.

Recommendation: *If appropriate, integrate variety (multiple choice, number, target).*

The Gameboard

Important for students to see.

- Clearly visible
  - Powerpoint
  - Doc Cam

Where to get them.

- Create your own!
- Find and adapt templates.
  - https://tekhnologic.wordpress.com
  - https://www.rusnakcreative.com

The Questions

Important for students to see.

- Clearly visible
  - Powerpoint
  - Doc Cam

If using powerpoint, more prep may be necessary to create slides and links to and from the game board.

Contact

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