

**UTSA** The University of Texas at San Antonio  
Teaching & Learning Services

# Creating Lectures for Learning Interactivity

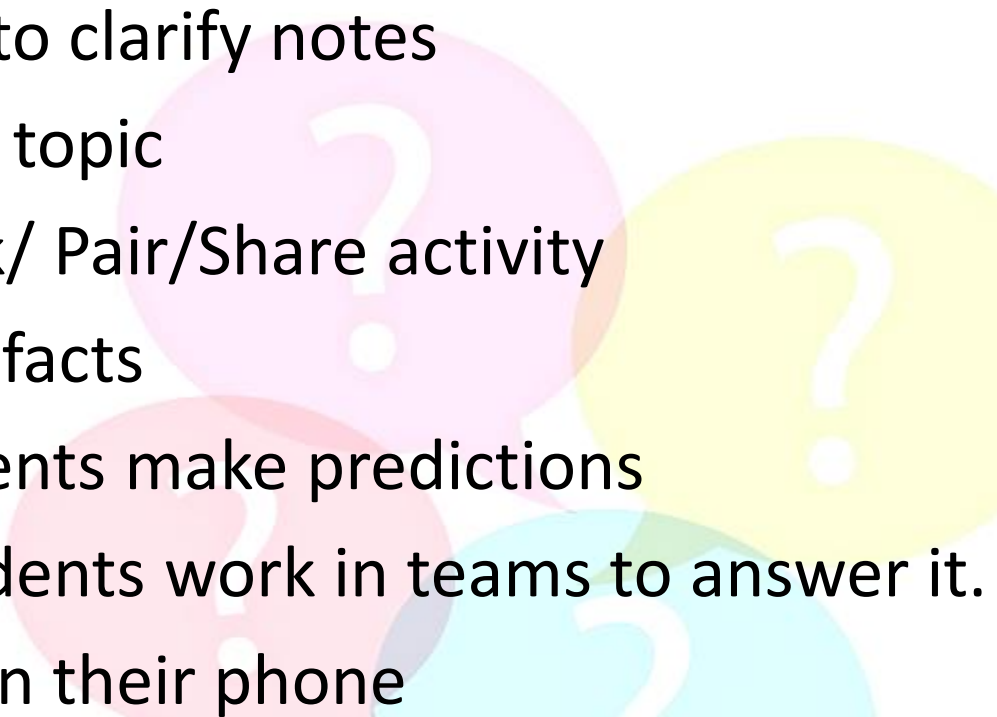


## Interactivity Improves Retention

Research consistently shows that student learning is greatly enhanced when they are active in the process, yet lecture is still a dominant form of teaching.

The key is to put the two together to get students engaged in their own learning by becoming active participants in your lecture.

## Delivery - Interactivity

- Have students work in pairs to clarify notes
  - Add short videos about your topic
  - Have them engage in a Think/ Pair/Share activity
  - Take polls about statistics or facts
  - Show a video and have students make predictions
  - Ask a question and have students work in teams to answer it.
  - Assign a research question on their phone
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- The background features several overlapping speech bubbles in various colors (pink, yellow, red, cyan) with white question marks inside them, scattered across the right side of the slide.

# High Tech Response Systems

- iClicker
- iClicker phone app
- Post on Social Media



iClicker is the standard clicker system used at UTSA. It is integrated into BlackBoard. TLS and OIT will be happy to help you learn to use iClicker in your class.

# Low Tech Response Systems



- Colored Cards
- Note Cards
- Stand / Sit
- Colored Solo Cups

## Provide Skeleton Notes

Skeleton notes (also known as guided notes) are lecture notes with gaps in them. They provide students with an outline and places where they need to be actively listening to get the rest of the materials.

1. Start with your full lecture notes
2. Create a pared down version
3. Post on Blackboard or handout in class



# When to do it – The Pause Procedure

Divide your lecture into 10-15 minute chunks. In between pause and have students do an activity related to the content. These might include

- Asking a question that students have to research on their phones
- Giving a quiz with iclickers
- Have a demonstration that relates to the lecture
- Engaging in a think pair share activity
- Have students share their notes with someone next to them to see if they have the same information.
- If your room allows it, have an activity that allows students to get up and move around

## Resources

Check out these great resources for more information

Using Skeleton Notes:

<http://serc.carleton.edu/introgeo/interactive/skeletonnotes.html>

10 Activities to Make Lectures Interactive

<http://ctl.byu.edu/tip/10-activities-make-lectures-interactive>

