Mini-Chunk Challenge

Overall goal: Draft a usable online mini-lecture with assessment item and feedback.

Some course concepts seem to present an inherent challenge for students to master. Working in pairs, you'll choose one such topic to develop a "mini-chunk" lecture, complete with an action-oriented learning objective, and a quiz question with feedback.

I'll call time at the end of step 1, to help us stay on track. In 20 minutes, we'll report out to the larger group.

Step 1:
(3 minutes) Working individually, choose one of your course topics that students struggle with.

Step 2:
(4-5 minutes) Working with a partner, discuss each other's topic and select one of them to move on to step 3.

Step 3:
(10-12 minutes)

1. With your partner, break the topic down into sub-topics. Identify a sub-topic which could be explained in 2 to 3 minutes (i.e., a mini-chunk).

2. Develop an action-oriented learning objective that tells students how they are expected to demonstrate mastery of the mini-chunk.

> Examples of action-oriented learning objectives:
>
> - Identify a course topic which students find challenging to master.
>
> - Demonstrate how to compute a z score.
>
> - Explain the difference between a discrete and continuous random variable.

3. Develop an outline for presenting the mini-chunk in a video.

4. Write a quiz question that evaluates mastery of the learning objective.

> Question types are true/false, multiple choice, or fill-in-the-blank.

5. Provide feedback for correct and incorrect responses.

> In Techsmith, if students choose an incorrect response, the correct answer displays with feedback on T/F and MC, but only feedback is shown for incorrect responses on FiBs.