

Supplementing Class Content with Video: Addressing Student Needs and Accessibility

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Outline

- 1 What is Educreations?
- 2 Demonstration
- 3 Uses in the Classroom and Constructive Alignment
- 4 Final Tips and Advice

- Video creation software for the iPad
- Records video lessons with voice overlay
- Replayable through iPad app or a URL
- Capabilities for institutional services

- Ability to “talk through” questions
- Tools such as different backgrounds (graph paper, lined, blank)
- Add colour, outside graphics, pause

Demonstration

[https://www.educreations.com/lesson/view/
lesson-and-example-confidence-interval-for-proport/
47519437/?s=BVI62v&ref=appmessages](https://www.educreations.com/lesson/view/lesson-and-example-confidence-interval-for-proport/47519437/?s=BVI62v&ref=appmessages)

Necessary Resources

- Free with a limited amount of storage space
- Monthly subscription with larger storage space and ability to download off the cloud
- Other apps available

How Do We Choose Technology For The Classroom?

- “Don’t focus on doing things right until you know you are doing the right things.”
- Technology should enhance learning outcomes.
- Our teaching should model what we would like the students to learn.

Outcome 1: Apply a methodical approach to problem solving

- “Her notes are basically the same as the text. What is the point of coming to class?”
- What is my value added as an instructor?
- How do you teach this skill at home and in distance ed?
- Giving students their inner voice

Outcome 2: Apply pre-requisite math material

- Services courses there is an inherent vast discrepancy in math competency
- Opportunity to help students that would otherwise fail without sacrificing the class
- It is our job

Outcome 3: Communicate Statistical Ideas Effectively

- Story: Then along came email
- Practical and conversational response
- Email answers are inherently not how we want our students to answer
- Opportunity to model

Outcome 4: Create an Accessible Classroom

- Ability to have out of class reviews
- Lessons available for those that may miss a class and foundational material
- Allows students to review at own pace
- SAS can create transcriptions of your videos

Pro-tips

- ① Shorter is better. 4-5 minutes maximum.
- ② Keep them conversational in nature.
- ③ Don't strive for perfection.
- ④ Know why you're using it.