Flipped Classroom: Stage 1

Intended Target Population
Any college class or learning opportunity in which there is prerequisite material to impart

Applicable Settings for Technique
Any lecture that is imparting new information without opportunity for student engagement
Any process that the student may want to watch several times

Active Learning Technique Explanation/Learning Curve
Stage 1: Recording your Lectures
I currently record using Zoom to get automatic captions and make use of the annotate feature with my stylus. I create fill in the blank style notes with definitions and examples from the textbook or other relevant sources.

Stage 2: Crafting In Class Activities
Using Desmos, I plan to craft activities that include common mistakes and ways to overcome them. Desmos can also improve student engagement depending on the activity design.

Stage 3: Revise and Repeat
Videos and activities can be improved without having to remember how you lectured the material. You can add in beneficial sources and clarify weak points.

Student Learning Outcome Satisfied
Critical Thinking
Communication Skills
Empirical and Quantitative Skills

Student Benefits and Impact
Allows students to access the lecture videos to review and study for exams
Allows for instructor feedback during the high frustration points of working problems

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