### Description

A calculus lesson helping students to find a new and creative way to teach a lesson

### Objectives

Students will fully understand one topic that was assigned to them so they are able to proficiently teach other students. Students will be able to use the Viddler application to help them will Calculus in the future by showing that they were able to use it in this project.

### Materials

- Computer
- Headphones

### Procedure

- Divide students into groups of 4
- Introduce students to viddler.com and walk them through the steps of creating an account
- Have each group draw a Calculus topic already covered this year out of a hat
  - Ex: definition of a derivative, derivative of a trig function, integrals
- Give the groups two class periods to be in the lab researching their topic and preparing their presentation
- Have each group present the material they learned and show the video they found on viddler.com to describe calculus in a fresh new way

### Standards

Will review all of the standards because students will be given topics from any of the standards listed for Calculus students.
Ways to wrap-up:

Make sure students understand each topic that was introduced by giving a post-quiz.

Grade groups based off their overall presentation, knowledge of the material, creative use of Viddler in the presentation, as well as each members’ participation.