

1106-R1-283

**Matthew J. Peebles\*** (peeples@naps.edu), 440 Meyerkord Ave., Newport, RI 02841. *Flipping the class using Google Documents at the Naval Academy Preparatory School*. Preliminary report.

At the Naval Academy Preparatory School (NAPS), students come from across the United States with a very diverse range of abilities. A flipped classroom offers a means by which a wide range of students can be reached within each classroom with a differentiated approach, rather than a traditional, one-size-fits-all lecture approach. An innovation that I introduced this year involved the use of video lessons uploaded to You Tube and embedded in forms I created using Google Docs as a means to follow up each lesson. When I started using the flipped approach, I was initially optimistic about how well I would be able to implement it. However, I found that preparation and execution were both more time consuming and difficult than I had envisioned. In this presentation, I detail how I dealt with the problems of creating video lessons along with documentation, follow up in class and adjusting syllabus assignments to fit the time requirements for each class period. I also show that despite the greater amount of time and effort than what I had initially anticipated, I found the method to be effective at allowing me to spend more time working with individual students in a way I was unable to when I spent most of my class time lecturing. (Received August 19, 2014)