Matthew J. Peeples* (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)