

## Calculus Lesson Project 2014

### Calculus Topics

See separate listing. If you would like to teach a topic not listed, you must get approval from Mr. Stern prior to starting. If you are unsure whether your interpretation of the project topic is correct check with Mr. Stern prior to starting.

### Draft Requirements (subject to change):

- 1) Record yourself teaching a lesson on the topic chosen.
- 2) Recording may be a video, or some kind of lesson capture software, such as Smart Notebook, Educreations, Camtasia, Captivate, or other.
- 3) Expected length of the lesson is 5 to 10 minutes, but can be longer if the topic so dictates.

### Deliverables (what you will turn in):

- 1) Notification to Mr. Stern, via email ([hastern.dwchs@gmail.com](mailto:hastern.dwchs@gmail.com)) of the topic you have chosen (due May 23).
- 2) A lesson plan (due May 27), outlining 1) the topic you will teach; 2) examples or proofs you will use in teaching the lesson; and 3) one or more examples you will solve using the topic you have chosen.
- 3) A recording of your lesson (due 6/4) in a video file format, such as m4a, mov, or wmv.
- 4) A paragraph (or more) (due 6/6) discussing:
  - a) what you liked and disliked about the project
  - b) what problems you encountered and how you overcame them
  - c) what you learned
  - d) approximate amount of time spent on the project .
  - e) any other comments you'd like to share.