

## **AP Calculus AB Summer Work (2021/2022)**

Enjoying time off for summer! I am excited to take you forward in mathematics for the 2021/2022 school year. In AP Calculus you will be challenged to bring your knowledge of Algebra, Trigonometry, Geometry and Functions together to determine how to best solve advanced problems. This is a very challenging course and will take a lot of time, effort, and dedication from you in order to achieve the grades/goals you want to achieve.

The following is your summer work for AP Calculus:

**Please check out your textbook from school before leaving for the summer (Calculus for AP by Larson and Battaglia)** In your textbook, please read through Chapter P pg 1-55 (I would encourage you to work out practice problems throughout the chapter) and complete pg 54 #1-70 to be turned in the first week of school. YOU MUST SHOW YOUR WORK on this assignment and in all of calculus. Also, calculators are only allowed when the problem tells you so. Over 60% of your AP exam is no calculator. Get used to this now! Finally, be sure to learn the unique features of your textbook. There are online videos or solutions wherever you see a QR code in the book. Please do not procrastinate on this material. You will not be able to complete in a couple days. Come to the first day of class with serious questions. You will be tested over the material the first week of school.

Enjoy your summer!

Mrs. Payne