

AP Calculus AB and BC Summer Assignment
Sandy Creek High School-Ms. LL Reynolds

Welcome future AP Calculus students! I hope you are excited for the year of Calculus that we will be pursuing together! We will be having a lot of fun—and doing a lot of work—learning everything there is to know about the mathematics of motion. Calculus can be described as the “mathematics of change”—how fast things change, how to predict change, and how to use information about change to understand different systems themselves. In many ways, Calculus will simply extend what you already know about math one step further.

In order to give you a head start in the understanding of Calculus, I've designed a skill review in DeltaMath. The purpose of this assignment is to have you practice the mathematical skills necessary to be successful in Calculus. If you need to, you may use reference materials to assist you and refresh your memory (old notes, textbooks, online resources, etc.) but keep in mind you must have this material mastered. Most of the individual skills only have a requirement of 1 question but use this as a guide for topics you need further review on. You can do additional problems within each skill if you need more practice. I hope that these problems help you to maintain/improve your skills so we can hit the ground running from day one.

AP Calculus is a fast paced course that is taught at the college level. There is a lot of material in the curriculum that must be covered before the AP exam in May. If you have any questions, do not hesitate to email me (reynolds.lauraleigh@mail.fcboe.org) over the course of the summer. Most importantly, I hope you have a wonderful summer. I look forward to working with each and every one of you next year. See you in August!

AP Calculus AB and BC

- Join our DeltaMath class with teacher code 522158
- Complete the "Skills for AP Calculus" DeltaMath Assignment
- Review finding trig values of radians in the unit circle (this will be your first quiz grade in August)