

Dear AP Calculus Students,

I am so excited that your curiosity, talent, and hard work have brought you to the pinnacle high school mathematics class, AP Calculus! I look forward to being your guide as you dive into a course that will open your eyes to the connections between mathematics and the real world in new and applicable ways, including modeling, manufacturing, engineering, physics, finance, and more. This course will require you to utilize and integrate (pun intended!) all of the mathematical knowledge you have acquired thus far. Therefore, it is important that you use this summer to brush up on your arithmetic, geometric, and algebraic skills so that we can get off to a strong start when class begins in August.

This summer, your assignment will come from Khan Academy. If you do not already have one, please create a Khan Academy account by following the directions in the link I e-mail you and joining "2019-20 Mrs. Gaulding's AP Calculus" class. Once registered, please send me an e-mail, and I will unlock the access to your assignments. Then, once you are logged in, you will see a list of assignments to complete.

Each assignment consists of exercises that have between 3 and 6 questions. You may attempt assignments multiple times; each time, you will get a new set of questions. If you get stuck, please watch the corresponding video as a refresher. You are encouraged to work to mastery on each topic in Khan Academy by completing each topic multiple times, as needed. The purpose of this assignment is to prepare you for the skills you will need for calculus. Most errors in calculus come not from the calculus, but from the algebra needed to simplify.

You can expect a precalculus/algebra/geometry review test during the first week of school on the topics assigned through Khan Academy. Your extra incentives are: 1) for every 6 topics that you master this summer, you will be awarded one (1) bonus point, 2) for practicing 6 different topics from the list in the months of both June and July, you will be awarded three (3) bonus points. Remember that - as soon as I am listed as your coach - I can see your work and effort in Khan Academy. I can see the time spent and the amount of questions tried.

If you have any questions, let me know. I will check my e-mail periodically throughout the summer. If you encounter the Khan Academy app having any glitches, try using the Khan Academy website ([khanacademy.org](http://khanacademy.org)).

Have a great summer. I am looking forward to a great year of AP Calculus with you!

Sincerely,

Mrs. Jenn Gaulding

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