

AP Calculus AB Summer Work 2021-2022

Congratulations! You have been chosen to participate in the wonderful world of AP Calculus AB! The following instructions will help guide you through your assigned summer work.

Pre-requisites: An understanding of solving equations, graphing functions, using trigonometric identities, and the unit circle is expected. In class, we will be discovering and analyzing new material on almost a daily basis; therefore, it is expected that you have a firm understanding in the previously-mentioned topics. If you need further assistance with these topics, you may use resources (teacher office hours, video notes on google classroom, textbook, Khan Academy, youtube, College Board AP Classroom, peers, etc.). This course is very challenging. You will get the opportunity to utilize your math skills as well as raise them to another level!

Process: Join our google classroom using the following code: **iaio4vj**. YOU MUST JOIN OUR GOOGLE CLASSROOM BY FRIDAY, JUNE 18th. Starting on Monday, June 21st, a video lesson and assignment will be posted on google classroom. Videos will run anywhere from 30 to 60 minutes, and the assignments will be due on Friday of the same week. Videos and assignments will continue to be posted every Monday (or almost every Monday).

Office Hours: I will be available for questions via google meet every Thursday from 11am – 2pm (<https://meet.google.com/tzq-nfaa-wfm>). The link for our google meet can be found on google classroom under the “Classwork” tab. I will post on google classroom if my office hours change. If you have a question outside of office hours, email me at ababiasz@charterarts.org and I will respond when I can.

Grading: You will have a total of 8 assignments during the summer, which include 5 homework assignments and 3 quizzes. All assignments and quizzes will be in powerschool during the first week of school.

First 2-3 Weeks of School: During our first 2-3 weeks of school, we will do the following:

- Review the course syllabus
- Have two classes of review for the summer topics
- Have an in-class test on all summer topics
- Review the unit circle and trigonometric equations
- Have an in-class quiz on the unit circle and trigonometric equations

Reminder: It is expected that you know the unit circle by heart or that you can create it when being asked to do so (coordinates, radians, degrees). It is also expected that you have memorized the trigonometric identities (reciprocal and Pythagorean).

Have a great summer!

- Mr. Babiasz

