<u>Welcome upcoming AP Calculus AB/BC students!</u>

Building enduring mathematical understanding requires students to understand the WHY and HOW of mathematics in addition to mastering the necessary procedures and skills. To foster this deeper level of learning, AP Calculus is designed to develop mathematical knowledge conceptually, guiding students to connect topics and representations throughout each course and to apply strategies and techniques to accurately solve diverse types of problems.

Both courses are intended to be challenging and demanding, each of them being taught over a full academic year.

And, future students, yes, you do have summer work!

Take the time to review math required for AP Calculus AB/BC using below online resources and come prepared at the beginning of next school year. These prerequisite skills will make your time in AP Calculus much easier and greatly increase the likelihood of a successful semester.

We will spend a few days reviewing these skills.

Have a great summer!

Sincerely,

Ms Sebe

Online Resources:

Preparing for AP Calculus (AB) 2018-2019

1**) Khan Academy –Precalculus**

 https://www.khanacademy.org/math/precalculus

2) **Khan Academy –Preparing for AP Calculus AB- prerequisites**

- https://www.khanacademy.org/math/ap-calculus-ab/ab-limits-continuity/ab-about-the-course/a/ap-calculus-ab-prerequisites

3) **Dr Husch's U of Tennessee Virtual Calculus and Precalculus**

 http://archives.math.utk.edu/visual.calculus/0/index.html

Online Resources-

Preparing for AP Calculus (BC) 2018-2019

1) Past Exam Questions-AP Calculus AB (2017-1998)

 https://apcentral.collegeboard.org/courses/ap-calculus-ab/exam/past-exam-questions