

AP CALCULUS BC SUMMER ASSIGNMENT 2018-2019



Congratulations on your decision to enroll in advance placement calculus BC! Choosing to take AP Calculus may have been a difficult decision; however the intellectual stimulus and challenges that drive the curriculum will be a reward in and of itself, regardless of the outcome in May.

As students in an AP class you have chosen to hold yourself to higher standards. This is admirable, but carries with it the inevitable burdens of obligation. You are obligated to give more of your time to studying. You are also obligated, by virtue of being a future innovator and/or leader, to hold yourself to high ethical standards. To succeed in this course, you must commit to try every assignment, not copy answers from other students or the Internet, and never, ever give up, especially when it gets hard. If you can't make that commitment, I urge you to rethink your choice of this class.

In this packet, there is a supply list, a list of important dates, and your summer assignment. I will be at the AP Scholar Day in August to answer questions over the summer assignment and any additional questions that you may have. If you would like to reach me over the summer, you may text or call me at 727-457-3865.

I look forward to an incredible year!

Mrs. Traci De Leon

Student Supplies:

- TI-Nspire cx CAS (**MAKE SURE YOU GET THE CAS MODEL!!!**)
 - There are school calculators that you may rent on a first come first serve basis
 - The fee to rent the school calculator is 2 reams of copy paper
- Study Book
 - You can purchase from JWMHS for a small fee (usually between \$10-\$25)
 - Money for the books will be collected in September
- Paper and Pencils

Important Dates:

- AP Scholar Day: August
- Summer Assignment Due: Wednesday, August 15th, 2018
- TBD in April 2019: AP Calculus Mock Exam (3-hours after school)
- 2019 AP Calculus Exam: Tuesday, May 14th, 2019 at 8am

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Students choosing to take AP Calculus BC are expected to start the school year with knowledge of limits, continuity, and basic differentiation rules. Students who have not had a calculus course will need to learn these topics over the summer. If you do not wish to learn these topics on their own, they should talk to a guidance counselor about changing their math selection to AP Calculus AB.

Khan Academy offers videos and practice to help teach and refine calculus skills. Your summer assignment is to complete practice exercises on khanacademy.org. You must be logged into Mrs. De Leon's class to receive credit. The exercises are due on Wednesday, August 15th, 2018.

Steps to Join Mrs. De Leon's AP Calculus BC Class on Khan Academy

1. Sign up at khanacademy.org (or log in with your existing account)
2. Visit khanacademy.org/coaches
3. There, in the "Add a coach" field, enter the class code **7GSGBKS**
4. Once you have joined Mrs. De Leon's class, I will open the summer assignment within 24 hours.