

Winter Break Assignment-AP Calculus BC

Below is a list of the work that should be completed over your break.

For the HW, all of the assignments are contained in this email and are on the portal.

As you complete the HW assignments, please email them to me so I can correct them and enter your grade into the gradebook. Soon upon returning to classes in January, you will have an assessment on these topics. Feel free to email me with any questions. We can even set up a Zoom session if you'd like. Do not wait until the last week of break to start the assignments. I cannot guarantee I will be able to answer any questions within that time or grade all of the HW assignments before you are tested on the material.

Topic 1-Euler's Method

Watch Videos-Watch both!: [Euler's Method](#)
[A second Euler's Method Video](#)

HW: Emailed to you and on portal

Topic 2-Sequences-Convergent and Divergent

Watch Videos: <https://www.youtube.com/watch?v=XdkoTb8PEG0>
<https://www.youtube.com/watch?v=tHy3TXmZpF0>

HW: Emailed to you and on portal

Topic 3-Series: Geometric Series, Harmonic Series, Telescoping Series and the nth term Test/Test for Divergence

Watch Videos: [nth term test-test for divergence](#)
[Telescoping, Geometric, and Harmonic Series](#)

HW: Emailed to you and on portal

Short Review of all topics from AP Calc

Emailed to you and on Portal