

Topics listed in **ORANGE** are suggested topics for discussion during synchronous video session (but you can work at your own pace!) Ms. McLain will also address any other questions/discussion topics during synchronous sessions beyond the suggested topics.

Monday 5/18	Tuesday 5/19	Wednesday 5/20	Thursday 5/21	Friday 5/22	Saturday 5/23	Sunday 5/24
Synchronous 1-hr Session 10:00 – 11:00 Discuss Calendar		Synchronous 1-hr Session 10:00 – 11:00				
Monday 5/25	Tuesday 5/26	Wednesday 5/27	Thursday 5/28	Friday 5/29	Saturday 5/30	Sunday 5/31
NO SCHOOL MEMORIAL DAY		Synchronous 1-hr Session 10:00 – 11:00 Q&A Homework Limits Homework submitted in Google Classroom by 11:59pm	Limits Quest in Google Classroom, open 12pm on 5/28 until 11:59pm on 5/31			

Asynchronous Sessions

Primary instruction for this unit will be using prepared videos and practice from Khan Academy.

SCROLL TO THE NEXT PAGE FOR A BREAKDOWN OF THE SECTIONS YOU NEED TO COMPLETE

<https://www.khanacademy.org/math/ap-calculus-ab/ab-limits-new>

Complete the Limits Homework assignment posted in Google Classroom and on the class website. Ms. McLain will help answer any questions you have during the synchronous videos on Mon/Wed, during office hours, or via email. Submit your homework (and any work you did on separate paper) in Google Classroom by 11:59pm on 5/27.

I. Introduction to Limits

<https://www.khanacademy.org/math/ap-calculus-ab/ab-limits-new/ab-1-2/v/introduction-to-limits-hd>

- ✓ 1 Video
- ✓ 1 Practice Assignment

II. Estimating Limit Values From Graphs

<https://www.khanacademy.org/math/ap-calculus-ab/ab-limits-new/ab-1-3/v/limits-from-graphs>

- ✓ 5 Videos
- ✓ 3 Practice Assignments

III. Estimating Limits From Tables

<https://www.khanacademy.org/math/ap-calculus-ab/ab-limits-new/ab-1-4/v/approximating-limit-from-table>

- ✓ 3 Videos
- ✓ 3 Practice Assignments

IV. Determining Limits Using Algebraic Properties of Limits: Direct Substitution

NOT THE ENTIRE SECTION

<https://www.khanacademy.org/math/ap-calculus-ab/ab-limits-new/ab-1-5b/v/limit-by-substitution>

- ✓ 3 Videos (skip Limits of Trigonometric Functions and Limits of Piecewise Functions: Absolute Value)
- ✓ 3 Practice Assignments (skip Limits of Trigonometric Functions)

V. Determining Limits Using Algebraic Manipulation

<https://www.khanacademy.org/math/ap-calculus-ab/ab-limits-new/ab-1-6/v/limit-example-1>

NOT THE ENTIRE SECTION

- ✓ 2 Videos (skip Trig Limits Using Pythagorean Identity and Trig Limits Using Double Angle Identity)
- ✓ 2 Practice Assignments (skip Limits Using Trig Identities)

VI. Selecting Procedures for Determining Limits

This is a summary/review. Since we skipped a couple sections, do not stress when those topics come up in this video and practice. Just mainly pay attention to the flow chart and work through some more examples.

<https://www.khanacademy.org/math/ap-calculus-ab/ab-limits-new/ab-1-7/v/flow-chart-of-limit-strategies>

- ✓ 1 Video
- ✓ 3 Practice Assignments