



AP Calculus BC

Weeks of 9/7 – 9/11

Due Dates

9/15 – Unit 2.1
Assignment

9/16 – Unit 2.2

9/21 - Unit 2.5

Monday: Unit 2.2 –
Derivative Rules,
Tangent Lines, Rates of
Change, Differentiability

Learning Target: I can use derivative rules to find and evaluate derivatives and find rates of change, write equations of tangent lines, and determine differentiability at a point.

In Class:

- Bell Ringer
- Class Activity: pg. 30-32 #3-30 multiples of 3, 31-41 odd, 42, 43-53 odd
- Exit Ticket

Homework: Watch the 2.3 video and take notes

Tuesday: Unit 2.3 –
Position, Velocity, and
Acceleration, Calculator
Differentiation

Learning Target: I can use derivatives to answer questions about particle movement.

In Class:

- Bell Ringer
- Class Activity: Climb the Ladder activity
- Exit Ticket

Homework: Watch the 2.4 video and take notes.

Wednesday: Unit 2.4 –
Log Review, Derivatives
of Transcendental
Functions

Learning Target: I can simplify and solve logarithmic equations and take the derivatives of transcendental functions.

In Class:

- Bell Ringer
- Class Activity: Partner Math activity
- Exit Ticket

Homework: Watch the 2.5 video and take notes.

<u>Upcoming Assessments</u> 10/06-10/07 – Unit 3 Test	Thursday: Unit 2.5 – Product, Quotient, and Trig Rules	Learning Target: I can use the product, quotient, and trig rules to find derivatives. In Class: • Bell Ringer • Class Activity: pg. 46-48 #1-35 odd • Exit Ticket Homework: Finish the 2.5 assignment if needed
	Friday: Unit 1 and 2 Review	Learning Target: I can review concepts from CED Units 1 and 2 including limits, continuity, and basic derivative rules. In Class: • Bell Ringer • Class Activity: Review Activity • Exit Ticket Homework: Watch the 3.1 video and take notes

“Number rules the universe.” – **Pythagoras**