



AP Calculus BC

Weeks of 9/15 – 9/19

Due Dates

9/18 – Lesson 2.1
Assignment

9/19 - Lesson 2.2
Assignment

9/19 – Checkpoint
Corrections Due

Monday: Lesson 2.1 –
Limit Definition of a
Derivative, Alternate
Form, and Trig Review

Learning Target: I can use the limit definition and the alternate form to find the derivative of functions and evaluate them at a point.

In Class:

- Bell Ringer – Checkpoint corrections
- Class Activity: 2.1 Relay Activity
- Exit Ticket

Homework: none

Tuesday: Lesson 2.1 –
Limit Definition of a
Derivative, Alternate
Form, and Trig Review

Learning Target: I can use the limit definition and the alternate form to find the derivative of functions and evaluate them at a point.

In Class:

- Bell Ringer
- Class Activity: pg. 25 #1-41 odd
- Exit Ticket

Homework: Watch the 2.2 video and take notes

Wednesday: Lesson 2.2 –
Derivative Rules,
Tangent Lines, Rates of
Change, and
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

<p><u>Upcoming Assessments</u></p>	<p>Thursday: Lesson 2.3 – Position, Velocity, Acceleration and Calculator Differentiation</p>	<p>Learning Target: I can use derivatives to answer questions about particle movement.</p> <p>In Class:</p> <ul style="list-style-type: none"> • Bell Ringer • Classwork: Climb the Ladder Activity • Exit Ticket <p>Homework: Watch the 2.4 video and take notes</p>
<p>9/25-9/26 – Units 1 and 2 Test</p>	<p>Friday: Lesson 2.4 – Review of Logarithms, Derivatives of Transcendental Functions</p>	<p>Learning Target: I can simplify and solve logarithmic equations and take the derivatives of transcendental functions.</p> <p>In Class:</p> <ul style="list-style-type: none"> • Bell Ringer • Classwork: Partner Math Activity • Exit Ticket <p>Homework: Watch the 2.5 video and take notes.</p>

“Number rules the universe.” – Pythagoras