



AP Calculus BC

Weeks of 11/03 – 11/07

<p>Monday: Unit 5.1 – Curve Sketching</p>	<p>LT: I can use information from the first and second derivatives to sketch graphs.</p> <p>In class:</p> <ul style="list-style-type: none"> • Bell Ringer • Classwork: pg. 103-104 #2-14 even, 22, 23 • Exit Ticket <p>HW: Watch the 5.2 video and take notes</p>
<p>Tuesday: Unit 5.2 – Graphing Derivatives and Antiderivatives from Graphs</p>	<p>LT: I can use a graph of f to graph f' and a graph of f' to graph f.</p> <p>In class:</p> <ul style="list-style-type: none"> • Bell Ringer • Classwork: Relay • Exit Ticket <p>HW: None</p>
<p>Wednesday: Unit 5.2 – Graphing Derivatives and Antiderivatives from Graphs</p>	<p>LT: I can use a graph of f to graph f' and a graph of f' to graph f.</p> <p>In class:</p> <ul style="list-style-type: none"> • Bell Ringer • Classwork: pg. 106-108 #1-13 odd, 16, 19, 20, 22-26 • Exit Ticket <p>HW: Watch the 5.3 video and take notes</p>
<p>Thursday: Unit 5.3 – Using Graphs of 1st Derivatives with Justification</p>	<p>LT: I can use the first derivative to make and justify conclusions about a function.</p> <p>In class:</p> <ul style="list-style-type: none"> • Bell Ringer • Classwork: Task Rotation • Exit Ticket <p>HW: Watch the 5.4 video and take notes</p>

Due Dates

11/5 – Unit 5.1

11/7 – Units 5.2

Upcoming Assessments

11/13-11/14 – Units 4
and 5 Test

	Friday: Unit 5.4 - Optimization	LT: I can use first derivatives to optimize values in real-world contexts. In class: <ul style="list-style-type: none">• Bell Ringer• Classwork: Ticket Time activity• Exit Ticket HW: None
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“Go down deep enough into anything and you will find mathematics.”– Dean Schlicter