



# AP Calculus AB

## Week of 12/2 – 12/6

<p>Monday: Unit 4.5 – Related Rates</p>	<p>LT: I can solve problems involving related rates of change.</p> <p>In class:</p> <ul style="list-style-type: none"> <li>• Bell Ringer</li> <li>• Classwork: Related Rates Ticket Time</li> <li>• Exit Ticket</li> </ul> <p>Homework: Watch the 4.6 video and take notes</p>
<p>Tuesday: Unit 4.6 – Local Linearity</p>	<p>LT: I can use tangent lines to approximate y-values of functions.</p> <p>In class:</p> <ul style="list-style-type: none"> <li>• Bell Ringer</li> <li>• Questions on the 4.6 video</li> <li>• Classwork: Whiteboards</li> <li>• Exit Ticket</li> </ul> <p>Homework: Watch the 4.7 video and take notes</p>
<p>Wednesday: Unit 4.7 – L'Hospital's Rule</p>	<p>LT: I can use L'Hospital's rule to evaluate limits.</p> <p>In class:</p> <ul style="list-style-type: none"> <li>• Bell Ringer</li> <li>• Questions on the 4.7 video</li> <li>• Classwork: Sort Card Activity</li> <li>• Exit Ticket</li> </ul> <p>Homework: none</p>
<p>Thursday: Unit 4.7 – L'Hospital's Rule</p>	<p>LT: I can use L'Hospital's rule to evaluate limits.</p> <p>In class:</p> <ul style="list-style-type: none"> <li>• Bell Ringer</li> <li>• Classwork: Independent Practice – pg. 511-514 #1, 5, 12-42 multiples of 3, 45, 49, 65</li> <li>• Exit Ticket</li> </ul> <p>Homework: none</p>

### Due Dates

12/9 – 4.7 assignment

12/10 – Unit 4 Review

### Upcoming Assessments

12/10 – Unit 4 Test

	Friday: Unit 4 Review	LT: I can review concepts from Unit 4 to prepare for the test.  In class: <ul style="list-style-type: none"><li>• Bell Ringer</li><li>• Classwork: Unit 4 Review</li><li>• Exit Ticket</li></ul> Homework: study!
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“A mathematician who is not also something of a poet will never be a complete mathematician.”— Karl Weierstrass