



	Monday 11/6	Tuesday 11/7	Wednesday 11/8	Thursday 11/9	Friday 11/10
College Board Curriculum Framework Objectives:	<p><i>The derivative can be used to solve rectilinear motion problems involving position, speed, velocity, and acceleration (2.3C1)</i></p> <p>First and second derivatives of a function can provide information about the function and its graph including intervals of increase or decrease, local (relative) and global (absolute) extrema, intervals of upward or downwards concavity, and points of inflection. (2.2A1)</p> <p>Key features of functions and their derivatives can be identified and related to their graphical, numerical, and analytical representations. (2.2A2)</p>				
Before:	*Finish FRQ Presentations	*Test (Day 1)	*Test (Day 2)	*Lesson: Tangent Line Approximations	
During:	*Test Review Questions/ Discussion	*Work on Khan Academy (Due Sunday)	*Work on Khan Academy (Due Sunday)	*Collaboration Problems (Tangent Line Approximations)	
After:	*Work on Khan Academy (Due Sunday)			*Work on Khan Academy (Due Sunday)	
Desired Outcome:	Students will be able to work AP style FRQ problems.	Students will demonstrate their understanding of functions and their derivatives (graphically, algebraically, analytically). Students will be tested using AP-style questions.		Students will be able to use a tangent line approximation to solve a calculus problem.	
Formative/ Summative:	n/a	Test	Test	Student questioning throughout lesson/Khan Academy Quiz	
Critical Questions:	<i>Explain how to use the GC to analyze functions and their derivatives.</i>	n/a	n/a	<i>Explain what a tangent line approximation allows us to do.</i>	