



	Monday 8/7	Tuesday 8/8	Wednesday 8/9	Thursday 8/10	Friday 8/11
College Board Curriculum Framework Objectives:	<i>Express Limits symbolically using correct notation(1.1A), Numerical and Graphical information can be used to estimate limits (1.1B), Find limits using algebra, trig, squeeze theorem(1.1C), Interpret behavior of functions using limits (1.1D)</i>				
Before:	*Review SSS Dates/Calculator Fee Dates	*Review Homework/Answer questions	*Review Homework/Answer questions	*Quiz (Graphical Limits)	*Quiz (Unit Circle) *Review Graphical Limits Quiz
During:	*Lesson: Introduce Limits (We Do Problems)	*Finish Big Functions WS (Infinity Limits)	*Lesson: Algebraic Limits	*Review Unit Circle (Unit Circle Practice)	*Lesson: Limits with Trig Functions
After:	*Big Function Worksheet	*Group Collaboration Problems on Limits	*Group Collaboration Problems on Algebraic Limits	*Group Collaboration Problems on Algebraic Limits	*Using the graphing calculator to find limits
Desired Outcome:	Students will be able to discuss the notion of a limit, find limits using a graph, and discuss limit notation.	Students will be able to find the graphical limit of a function as x goes to infinity.	Students will be able to use algebra to find the limits of functions.	Students will be able to use algebra to find a limit. Students will be able to use a unit circle to find exact trig values.	Students will be able to find the limit of a trig function.
Formative/Summative	Student Questioning, Homework Problems (Self-Assessment)	Student questioning, Homework Problems (Self-Assessment)	Student questioning, Homework Problems (Self-Assessment)	Quiz, Student Questioning, Homework Problems (Self-Assessment)	Quiz, Student Questioning, Homework Problems (Self-Assessment)
Higher Order Questions:	Explain the basic idea of a limit. What must occur for a limit to exist?	Explain the difference between limits to infinity and obtaining infinity as a limit.	What is the first step of finding a limit algebraically? What happens if you can't use substitution? How would you find the limit algebraically?	Explain how to construct the unit circle.	Explain how to use the graphing calculator to estimate a limit.
Homework:	*Review 19 basic functions handout *Basic Functions WS 1-19 a-b only	*Finish Basic Functions Limit WS 1-19 c-d *MMM p18-20	*MMMp25-26	*MMMp26	*WS 1-15 (Trig) an Mixed Problem Set