



	Monday 2/26	Tuesday 2/27	Wednesday 2/28	Thursday 3/1	Friday 3/2
College Board Curriculum Framework Objectives:	<p>1. Find area between curves by hand (FTC) Areas of certain regions in the plan can be calculated with definite integrals. (3.4D1) Volumes of solids with known cross sections, including discs and washers, can be calculated with definite integrals. (3.4D2)</p>				
Before:	*Review Homework Answers (Area Between Curves)	*Lesson: Area Between Two Curves (with respect to x)	*Check Note Cards *Discuss Homework	*Finish Volumes by Cross Sections (examples 1-6)	*Discuss Homework
During:	*Finish Example 4 (via video)	* Cass examples: P4, 5 ex1-5 and p3, ex 6	*Lesson: Volume by Cross Sections	*Spiral Review Problems 1-5	*Lesson: Volume by Revolution
After:	*Finish Notecards 1-32	*Homework Set	*Review Note Cards	*Review Note Cards	*Class Practice/HW Set
Desired Outcome:	Students will be able to find the area between two curves.		Students will be able to find the volume of a solid obtained by a given cross section of squares/triangles/semi-circles.		*Students will be able to find the volume of a solid obtained by revolving a region about a given line.
Formative/ Summative:	n/a	Student questioning throughout lesson; Homework Discussion; Khan Academy Quizzes			
Critical Questions:	n/a	<i>Explain how to find the area between two curves relative to the y-axis.</i>	<i>Explain how to find the volume of a solid obtained by the cross section of a square, triangle or semi-circle.</i>	<i>Explain how to find the volume of a solid using the disk method/washer method.</i>	