



	Monday 10/23	Tuesday 10/24	Wednesday 10/25	Thursday 10/26	Friday 10/27
<b>ACCRS (Objectives):</b>	<p><i>Precalculus 5 (+) Recognize vector quantities as having both magnitude and direction. Represent vector quantities by directed line segments, and use appropriate symbols for vectors and their magnitudes (e.g., <math>v</math>, <math> v </math>, <math>  v  </math>, <math>v</math>). [N-VM1]</i></p> <p><i>Precalculus6 Find the components of a vector by subtracting the coordinates of an initial point from the coordinates of a terminal point. [N-VM2]</i></p> <p><i>Precalculus 8 (+) Add and subtract vectors. [N-VM4]</i></p> <p><i>Precalculus-9 Multiply a vector by a scalar. [N-VM5]</i></p> <p><i>Create graphs of conic sections, including parabolas, hyperbolas, ellipses, circles. Formulate equations of conic sections from their determining characteristics (AL)</i></p>				
<b>Before:</b>	*Homework Review	*Homework Review	*Test (Vectors & Complex Numbers)	*Review Test	*Warm-Up (Trig Review)
<b>During:</b>	*Lesson: Complex Numbers	*Stamp Activity (Complex Numbers & Vector Applications)		*Lesson: Intro to Conic Sections	*Lesson: Parabolas Day 1
<b>After:</b>	*Group Collaboration Set/HW Set			*Group Collaboration Set	*Group Collaboration/HW Set
<b>Desired Outcome:</b>	Students will be able to perform operations on complex numbers.	Students will review complex numbers and applications of vectors.	Students will demonstrate their understanding of vectors and complex numbers.	Students will understand the difference between the conic sections and why they are used.	Students will be able to identify the standard form of a parabola. Students will be able to graph a parabola in standard form.
<b>Formative/ Summative:</b>	Student questioning throughout lesson	Stamp Activity	Test	Student questioning throughout lesson	Student questioning throughout lesson
<b>Critical Questions:</b>	<i>Explain the meaning of a complex number. Explain how to find the absolute value of the complex number and what exactly you are finding.</i>	<i>n/a</i>	<i>n/a</i>	<i>Explain the different conics and how to identify each one based on its equation or graph.</i>	<i>Explain how to graph a parabola that is in standard form.</i>