Mrs. Medlen
Pre-Calculus
Lesson Plans

CARROLL HIGH SCHOOL

	Monday 11/13	Tuesday 11/14	Wednesday 11/15	Thursday 11/16	Friday 11/17
ACCRS (Objectives):	*Create graphs of conic sections, including parabolas, hyperbolas, ellipses, circles. Formulate equations of conic sections from their determining characteristics (AL)*				
Before:	*Homework Review (Ellipse and Circle Review Problems)	*Test (Circles and Ellipse)	*ACT 5 in 5	*ACT 5 in 5	
During:	*ACT 5 in 5		*Lesson: Finish lesson on the Parabola	*Spiral Review Problems: Circles, Ellipse, Parabola	
After:	*Discuss/ Review ACT 5 in 5 problems	*Lesson: Lesson on the Parabola	*Group Collaboration Set/HW Set	*Share answers to spiral review problems	
Desired Outcome:	Students will be able to find features of the circle and ellipse & sketch them. Students will be able to derive equations of the ellipse and circle.	Students will demonstrate their understanding of the circle and ellipse.	Students will be able to find features of the parabola and sketch them. Students will be able to derive the equation of the parabola.	Students will be able to find features and sketch the parabola, ellipse and circle. Students will be able to write their equations.	
Formative/ Summative:	Student questioning throughout lesson	Test	Student questioning during lesson	Student questioning throughout lesson	
Critical Questions:	*n/a*	*Explain the definition of the parabola. How does it differ from the definition of the circle and ellipse?*	*Explain how to find the equation of a parabola given its vertex and focus, vertex and directrix. Explain how to sketch the parabola.*	*Explain how to sketch the circle, ellipse and parabola. Explain the different features of each.*	