CARROLL
HIGH SCHOOL

	Monday 11/6	**Tuesday 11/7**	**Wednesday 11/8**	**Thursday 11/9**	**Friday 11/10**
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 p6 a-f)	*Homework Review (Ellipse p6-7)	*Quiz (Ellipses)	*ACT Warm-Up Problems	
During:	*Finish "The Ellipse" Lesson (p5)	*Stamp Activity (Circles and Ellipses)	*Lesson: "The Parabola" (Example 8)	*Lesson: "The Parabola" (Examples 9-10)	
After:	*Review Circles Quiz *Homework: Ellipse p6-7	*Work on Khan Academy Quizzes	*Work on Khan Academy Quizzes	*Homework: Parabola p9 *Review Ellipse Quiz *Work on Khan Academy Quizzes	
Desired Outcome:	Students will be able to find features of the ellipse and sketch them. Students will be able to derive the equation of the ellipse.	Students will be able to find features of circles and ellipses, sketch them and use them to solve problems.	Students will be able to demonstrate their understanding of finding features of the ellipse and sketching them.	Students will be able to find features of the parabola and sketch them. Students will be able to derive the equation of the parabola.	
Formative/ Summative:	Student questioning during lesson	Stamp Activity	Quiz	Student questioning during lesson	
Critical Questions:	*Explain how the values of a, b, and c relate to the sketch of an ellipse.*		*Explain the definition of a parabola. Explain the difference between the circle, ellipse and parabola.*	*Explain how to find the equation of a parabola given its vertex and focus, vertex and directrix. Explain how to sketch the parabola.*	