CARROLL HIGH SCHOOL

	Monday 11/27	Tuesday 11/28	Wednesday 11/29	Thursday 11/30	Friday 12/1
ACCRS (Objectives):	*Create graphs of conic sections, including parabolas, hyperbolas, ellipses, circles. Formulate equations of conic sections from their determining characteristics (AL)*				
Before:	*ACT 5-in-5	*ACT 5-in-5 *Homework Review	*ACT 5-in-5 *Homework Review	*Quiz (The Parabola)	*ACT 5-in-5 *Homework Review
During:	*Lesson: The Parabola (p7, ex8)	*Lesson: Features of the Parabola (p8, ex9-10)	*Group Collaboration Set: The Parabola and ACT 5-in-5 Cumulative Review	*Lesson: The Hyperbola (ex11, a-f)	*Lesson: Hyperbola cont'd (ex11, g-i)
After:	*Group Collaboration/HW Set: p8-9, #8a-f	*Group Collaboration/ HW Set: p9	*Share/Discuss answers to collaboration set	*Homework Set: #13, a-f	*Group Collaboration #13, g-i *Homework Set: ACT Cumulative Review Problems
Desired Outcome:	Students will be able to sketch a parabola given its features. Students will be able to write an equation for a given parabola.	Students will be able to find the vertex, focus and directrix of the parabola given its equation in general form.	Students will be able to solve problems dealing with the parabola. Students will be able to work ACT-type math problems.	Students will demonstrate their understanding of the Parabola.	Students will be able to sketch the hyperbola given its equation in standard and general form.
Formative/ Summative:	Student questioning throughout lesson	Student questioning throughout lesson	Student questioning during collaborative problems.	Quiz	Student questioning throughout lesson
Critical Questions:	*Explain in your own words the definition of a parabola. What features of the parabola do you need to sketch/write its equation?*	*Explain how to find the equation of the parabola given its vertex, directrix and focus. Explain how to find the vertex, focus and directrix given the equation of a parabola.*		*Explain in your own words the definition of the hyperbola.*	*What features of the hyperbola do you need to sketch/write its equation?*