Carroll High School – Lesson Plans
Teacher: Tracy Hawkins - Week of 8-20-18 to 8-24-18

Subject: Algebra II w/Trig	Monday	Tuesday	Wednesday	Thursday	Friday
ACCRS:	*Prerequisite *Review solving literal equations (Alg 1 COS 4)	*Prerequisite * Review of Simplifying radicals (Alg 1 COS 3)	*Prerequisite *Review of powers, radicals, simplifying radicals, evaluating functions, and solving equations(COS 3 & 12)	*Prerequisite *Review of powers, radicals, simplifying radicals, evaluating functions, and solving equations (COS 3 & 12)	*29 – Relate the domain of a function to its graph
Before:	*Answer questions on homework	*Answer questions on homework *Warm up on square and cube roots	*Entrance Slip *Go over homework	*Answer questions on review work	Warm up on evaluating functions
During:	*Teacher will review how to solve literal equations for a variable *Students will work with group to complete stamp activity	*Teacher will review simplifying radicals that are not perfect squares or cubes and how to rationalize denominators with square and cube roots *Around the Room	*Students will work on review of powers, radicals, simplifying radicals, evaluating functions and solving equations	*Students will take a test on powers, radicals, simplifying radicals, evaluating functions, and solving equations.	*Teacher will work with students to review function basics and on identifying functions and their graphs *Students will complete Exit Slip together
After:	*Answer questions as groups complete their work	*Answer questions in groups as they work through the activity	*None	*None	*Students will work independently on homework
Desired Outcome:	Students will be able to solve literal equations for a variable	Students will be able to simplify radical expressions	Students will demonstrate they can simplify radicals, roots, and rational expressions and factoring terms from a polynomial	Students will demonstrate they can simplify radicals, roots, evaluate functions, and solve equations	Students will understand functions and be able to identify them and their graphs
Formative/ Summative:	*Feedback during lesson	*Feedback during lesson *Feedback during Around the Room Activity	*Feedback during review work	*Test on Review material	*Feedback during group work
Higher Order Questions:	*How do I solve an equation for a variable?	*How do you rationalize the denominator? *How do you simplify radicals that are not perfect squares or cubes?	*What still confuses me about simplifying radicals and rational expressions?	*What still confuses me about simplifying radicals and rational expressions?	*What is a function? *What is domain and range?
Homework:	Finish Stamp Activity if necessary	Finish Problems	Study for Test	None	Worksheet on Functions and finish Khan Academy work