

Carroll High School – Lesson Plans

Teacher: Tracy Hawkins - Week of 8-11-18 TO 8-17-18

Subject: Algebra II w/Trig	Monday	Tuesday	Wednesday	Thursday	Friday
ACCRS:	None	*Prerequisite *Review of Solving Equations (Alg 1 COS 4, 12)	*Prerequisite *Review of Powers and Radicals (Alg 1 COS 3)	*Prerequisite *Review solving literal equations (Alg 1 COS 4)	*Prerequisite * Review of Simplifying radicals (Alg 1 COS 3)
Before:	*Teacher will seat students in groups	*Getting to Know you Activity	*Take up Acknowledgement letter *Answer questions on rules/procedures	*Take up Acknowledgement letter *Answer questions on homework	*Answer questions on homework *Warm up on square and cube roots
During:	*Students will complete "What Shape?" team building activity. *Students will complete "Toothpicks" team building activity if time permits	*Students will work to solve multi-step equations and evaluating functions at different values	*Teacher will review simplifying powers to a power and simplifying radicals *Think, Pair, Share	*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
After:	*Talk about group work in general	*Answer questions on problems that students have problems with	*Answer questions as groups complete their work	*Answer questions as groups complete their work	*Answer questions in groups as they work through the activity
Desired Outcome:	Students will learn to communicate with their group members.	Students will be able to get to know each other a little, be able to solve multi-step equations, and evaluate functions	Students will be able to use the laws of exponents and be able to simplify radicals	Students will be able to solve literal equations for a variable	Students will be able to simplify radical expressions
Formative/ Summative:	*Feedback during activity	*Feedback during classwork	*Feedback during lesson	*Feedback during lesson	*Feedback during lesson *Feedback during Around the Room Activity
Higher Order Questions:	*How can I communicate with my group members while working in groups?	*How do I solve multi-step equations? *How do I evaluate functions at different values?	*What are the laws of exponents? *How do you go about simplifying radicals?	*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?
Homework:	None	Worksheet on Equations/Expressions	Worksheet on Powers and radicals	Finish Stamp Activity if necessary	Finish Problems