

Carroll High School – Lesson Plans

Teacher: Tracy Hawkins - Week of 9-17-18 to 9-21-18

Subject: Algebra II	Monday	Tuesday	Wednesday	Thursday	Friday
ACCRS:	* 20 - Create equations and inequalities in one variable and use them to solve problems *24-Solve simple rational and radical equations in one variable, and give examples showing how extraneous solutions may arise	* 20 - Create equations and inequalities in one variable and use them to solve problems *24-Solve simple rational and radical equations in one variable, and give examples showing how extraneous solutions may arise	*20 - Create equations and inequalities in one variable and use them to solve problems *22 - Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or nonviable options	*20 - Create equations and inequalities in one variable and use them to solve problems *22 - Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or nonviable options	*22 – Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or nonviable options
Before:	*Warm Ups solving simple equations and absolute value questions	*Warm Ups on solving inequalities	*Entrance Slip on equations	*Answer questions on homework	*Answer questions on homework
During:	*Teacher will work with students reviewing solving equations with fractions and absolute value equations *Stamp Activity	*Teacher will work with students reviewing solving more absolute value equations and solving inequalities *Think, Pair, Share	*Teacher will work with students to understand solving and graphing Compound Inequalities	*Teacher will work with students to understand solving and graphing Absolute value inequalities	*Students will work on solving and graphing compound and absolute value inequalities
After:	*Students will work independently on problems	*Students will work independently on problems	* Students will work independently on problems	* Students will work independently on problems	*None
Desired Outcome:	Students will be able to solve equations with fractions and absolute value equations	Students will be able to solve absolute value equations and inequalities.	Students will be able to solve and graph compound inequalities	Students will be able to solve and graph absolute value inequalities	Students will be able to solve and graph compound and absolute value inequalities
Formative/ Summative:	*Feedback during lesson *Stamp Activity	*Feedback during lesson and Think, Pair, Share	*Feedback during lesson *Entrance Slip	*Feedback during lesson	*Feedback during classwork
Higher Order Questions:	*How are symbols useful in mathematics? *What mathematical symbols do you know?	*How are symbols useful in mathematics? *What mathematical symbols do you know?	*Does multiplying/dividing an inequality by a negative number change the truth of the inequality?	*Does multiplying/dividing an inequality by a negative number change the truth of the inequality?	*What still confuses me about compound and absolute value inequalities?
Homework:	Worksheet with 10 problems	Worksheet with 10 problems	Page 45 #1-4; 12-15	Page 45 #16-21; 23-30	Review Worksheet