

Carroll High School – Lesson Plans

Teacher: Tracy Hawkins - Week of 10-22-18 to 10-26-19

Subject: Algebra II w/Trig	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 *22 - Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions	*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	*29, 30, 31, 20, 22, & 24 Graph and write functions and relate the domain of a function to its graph, create equations/ inequalities in one variable, solve simple rational and radical eq., and represent constraints by eq. or ineq.	*29, 30, 31, 20, 22, & 24 Graph and write functions and relate the domain of a function to its graph, create equations/ inequalities in one variable, solve simple rational and radical eq., and represent constraints by eq. or ineq.
Before:	*Warm Ups on solving inequalities	*Entrance Slip on equations	*Answer questions on homework	*Answer questions on homework	*Answer questions on homework
During:	*Teacher will work with students reviewing solving absolute value equations and solving inequalities *Think, Pair, Share	*Teacher will work with students to understand solving and graphing Compound Inequalities and Absolute value inequalities	*Students will work extra practice on Solving compound inequalities and Absolute value equations and inequalities	*Teacher will work with students to review piecewise functions, inequalities, and absolute value equations	*Students will take test on piecewise functions, absolute value equations and inequalities, and compound inequalities
After:	*Students will work independently on problems	* Students will work independently on problems	*Students will work independently on classwork	*Students will work independently on review sheet	* None
Desired Outcome:	Students will be able to solve absolute value equations and be able to solve inequalities	Students will be able to solve and graph compound inequalities, and solve and graph absolute value inequalities	Students will be able to solve and graph absolute value equations & inequalities, and solve & graph compound inequalities	Students will be able to graph & write equations on piecewise functions, solve & graph absolute value equations & inequalities, and solve & graph compound Ineq.	Students will be able to graph & write equations on piecewise functions, solve & graph absolute value equations & inequalities, and solve & graph compound Ineq.
Formative/ Summative:	*Feedback during lesson and Think, Pair, Share	*Feedback during lesson *Entrance Slip	*Feedback during classwork	*Feedback during review	*Test on Piecewise Functions, Abs/Compound Equations & Inequalities
Higher Order Questions:	*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?	*What still confuses me about absolute value equations & inequalities, & compound inequalities?	*What still confuses me about piecewise functions. absolute value equations, & compound inequalities?	*What still confuses me about piecewise functions. absolute value equations, & compound inequalities?
Homework:	Wkst with 15 problems	Wkst with 14 problems	Finish Worksheet	Finish Review & Study	None