

Carroll High School – Lesson Plans

Teacher: Tracy Hawkins - Week of 10-8-18 to 10-12-18

Subject: Algebra II	Monday	Tuesday	Wednesday	Thursday	Friday
ACCRS:	Holiday – No School	*21 – Create Inequalities 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	*21 – Create Inequalities 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	*21 – Create Inequalities 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	*21 – Create Inequalities 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
Before:		*Warm up on solving equations and inequalities for y to lead into graphing	*Write inequalities from graph – Think, Pair, Share	*Entrance Slip – Solve 1 system of inequality by graphing	*Answer questions on homework *Extra practice problems if needed
During:		*Teacher will work with students to graph systems of inequalities graphically	*Teacher will work with students on how to write and use a system of inequalities in problem solving	*Students will work in groups on graphing systems of inequalities and problems that require graphing systems of inequalities to solve	*Students will take quiz on systems of inequalities
After:		*Students will work independently on graphing	*Students will work with partners on classwork	*Students will work in groups on Around the Room Problems	*None
Desired Outcome:		Students will be able to solve systems of inequalities by graphing	Students will be able to solve problems using and graphing systems of inequalities	Students will be able to solve problems using and graphing systems of inequalities	Students will be able to solve systems of inequalities by graphing and use systems of inequalities in solving problems
Formative/ Summative:		*Feedback during lesson and classwork	*Feedback during lesson and classwork	*Entrance Slip *Feedback during group work	*Quiz on Systems of Inequalities
Higher Order Questions:		*What do solutions of inequalities in 2 or more variables look like compared to equations?	*Can you write inequalities just from looking at the graph?	*Can you write inequalities just from looking at the graph?	*What still confuses me about graphing systems of inequalities?
Homework:		*Page 149 (7-15) Graphing only	Worksheet on Solving systems of inequalities	Finish Around the room problems	None