Carroll High School – Lesson Plans
Teacher: Tracy Hawkins - Week of 11/5/18 to 11/9/18

Subject: Algebra II w/Trig	Monday	Tuesday	Wednesday	Thursday	Friday
ACCRS:	*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	*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	Teacher Work Day – No Students
Before:	*Answer questions on homework	*Warm Up on solving equations and inequalities for y to lead into graphing	*Entrance Slip on graphing quadratic and absolute value	*None	
During:	*Students will take a quiz on solving systems of equations in 2 and 3 variables	*Teacher will work with students to graph systems of inequalities graphically	*Teacher will work with students to review graphing solutions to inequalities (including linear, quadratic, & absolute value)	*Teacher will work with students to review Distance formula and finding volume and surface area of solid figures	
After:	*None	*Students will work independently on Graphing	Students will work independently on graphing solutions to inequalities	*Students will work independently on volume and surface area problems	
Desired Outcome:	Students will be able to solve systems of equations in 2 and 3 variables	Students will be able to solve systems of inequalities by graphing	Students will be able to graph systems of inequalities (including linear, quadratic, & absolute value)	Students will be able to find the volume and surface area of solids and find the distance between two points	
Formative/ Summative:	*Quiz on systems of equations	*Feedback during lesson	*Feedback during lesson	*Feedback during lesson	
Higher Order Questions:	*What still confuses me about solving systems of equations in 2 or 3 variables?	*What do solutions of inequalities in 2 or more variables look like compared to equations?	* How do you show solutions to inequalities in the coordinate grid?	*What is the volume and how do you find it? *What is surface area and how do you find it?	
Homework:	None	Worksheet with 10 problems	4 Homework problems	Surface Area and Volume problems	