CARROLL HIGH SCHOOL
LESSON PLANS

Teacher: Mrs. M. Williams

Subject: Algebra	Monday	Tuesday	Wednesday	Thursday	Friday
ACCRS:	CCRS: 4, Use units as a way to understand problems and to guide the solution of multi-step problems; choose and interpret units consistently in formulas; choose and interpret the scale and the origin in graphs and data displays	CCRS: 4, Use units as a way to understand problems and to guide the solution of multi-step problems; choose and interpret units consistently in formulas; choose and interpret the scale and the origin in graphs and data displays.	4.) Use units as a way to understand problems and to guide the solution of multistep problems; choose and interpret units consistently in formulas; choose and interpret the scale and the origin in graphs and data displays.	CCRS: 4, Use units as a way to understand problems and to guide the solution of multi-step problems; choose and interpret units consistently in formulas; choose and interpret the scale and the origin in graphs and data displays	Teacher Work Day
Before:	Students will take notes on solving equations for a specified variable.	Classwork on Specified variables. Students will work together with their group on the classwork	Warm up on solving for a specified variable and word problems.	Warm up on graphing inequalities Students will learn to solve one-step and multi-step inequalities with one variable	Teacher Work Day
During:	Students will work out problems where they will be given equations (formulas) and ask to solve for different variables.	Students will be given examples on real world word problems	Students will take notes on how to write and graph inequalities with one variable.	Students will solve and graph one step and multistep inequalities	Teacher Work Day
After:	Students will solve equations for a specified variable. They will be called upon throughout the lesson.	Students will solve real world problems.	Students will graph inequalities with one variable.	Students will share their answers with the class to check for complete understanding.	Teacher Work Day
Desired Outcome:	Students will be able to solve equations for a specified variable	Students will learn how to solve word problems when given information to substitute into the equation.	Students will recall how to graph inequalities with one variable.	Students will apply the lessons of solving for equations to solving for inequalities.	Teacher Work Day
Formative/Summative	Examples given throughout the lesson.	Classwork on specified variables	Warm up	Warm up	Teacher Work Day
Homework:	None	Real World problems	Google Classroom	Classwork sheet	Teacher Work Day

| **Higher Order Questions:** | What do you like better about solving formulas for a given variable than solving equations in one variable? | Why is it important to write the units your substituting in for when solving an equation? | Why doesn't the symmetric property apply to an inequality when you rewrite it as it does to an equation? | When solving an inequality why is it important to solve using the four step plan? | Teacher Work Day |