Name: Woods	Grading Quarter: 1	Week Beginning: 9/16/24
School Year: 24-25	Subject: Algebra 2	

	Notes:		
Monday	Notes:	Objective: Students will be able to solve absolute value inequalities. Lesson Overview: Notes – isolate the absolute3 value bars before creating two equations. If there is an inequality sign, choose test points to decide which direction the inequality goes. Discuss examples where there is no solution (e.g. the absolute value will never equal a negative number.)	Academic Standards: A.CED.1 Create equations that describe numbers or relationships. Create equations and inequalities in one variable and use them to solve problems.
Tuesday	Notes:	Objective: Students will be able to graph linear functions. Lesson Overview: Notes – special cases of linear functions (vertical and horizontal) and how to graph using transformations.	Academic Standards: A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.
Wednesday	Notes:	Objective: Students will be able to solve systems of linear equations. Lesson Overview: Notes – three methods for solving systems of equations: graphing, elimination, and substitution. Show one of each method and practice switching between the methods.	Academic Standards: A.CED.1 Create equations that describe numbers or relationships. Create equations and inequalities in one variable and use them to solve problems.
Thursday	Notes:	Objective: Students will be able to solve systems of linear equations. Lesson Overview: *This is a continuation of previous day's lesson.* Give independent time for students to work at their own pace.	Academic Standards: A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.
Friday	Notes:	Objective: Students will be able to solve linear equations and inequalities. Lesson Overview: Independent practice on Khan Academy	Academic Standards: A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.