

Name: Langteau		Grading Quarter: 3	Week Beginning: week 2
School Year: 2024/2025		Subject: Algebra 1	
Monday	Notes: 6-1	<p>Objective:</p> <p>Students will be able to solve one-step inequalities and graph the solutions on a number line.</p> <p>Lesson Overview:</p> <p>Introduce one-step inequalities and how to solve them using addition, subtraction, multiplication, or division. Focus on graphing solutions on a number line.</p> <ul style="list-style-type: none"> • Guided Practice: Solve one-step inequalities as a class and graph on a number line. • Independent Practice: Students solve and graph one-step inequalities individually. 	<p>Academic Standards:</p> <p>A.CED.1 A.REI.3</p>
Tuesday	Notes: 6-2	<p>Objective:</p> <p>Students will be able to solve multi-step inequalities, including those that involve combining like terms and using the distributive property.</p> <p>Lesson Overview:</p> <p>Teach how to simplify and solve multi-step inequalities. Discuss flipping the inequality sign when multiplying or dividing by a negative number.</p> <ul style="list-style-type: none"> • Guided Practice: Solve multi-step inequalities together. • Independent Practice: Students solve multi-step inequalities on their own and graph solutions. 	<p>Academic Standards:</p> <p>A.CED.1 A.REI.3</p>
Wednesday	Notes: 6-3	<p>Objective:</p> <p>Students will solve compound inequalities and write solutions in interval notation</p> <p>Lesson Overview:</p> <p>Explain how to solve compound inequalities connected by "and" or "or" and express solutions in interval notation.</p> <ul style="list-style-type: none"> • Guided Practice: Solve compound inequalities as a class. • Independent Practice: Students solve compound inequalities and write solutions in interval notation. 	<p>Academic Standards:</p> <p>A.CED.1 A.CED.3</p>

Thursday	Notes: 6-4	<p>Objective: Students will solve absolute value inequalities and graph the solutions.</p> <p>Lesson Overview:</p> <p>Introduce absolute value inequalities and solve them by breaking them into two cases. Graph the solutions.</p> <ul style="list-style-type: none"> • Guided Practice: Solve absolute value inequalities together. • Independent Practice: Students solve absolute value inequalities and graph the solutions. 	<p>Academic Standards:</p> <p>A.CED.1 A.CED.3</p>
Friday	Notes:	<p>Objective: Students will solve and graph various inequalities.</p> <p>Lesson Overview:</p> <p>Review one-step, multi-step, compound, and absolute value inequalities.</p> <ul style="list-style-type: none"> • Guided Practice: Solve mixed inequality problems as a class. • Independent Practice: Students solve a variety of inequality problems independently. 	<p>Academic Standards:</p> <p>A.CED.1 A.CED.3 A.REI.3</p>