

## Edlio Unit 2 Daily Agenda Algebra C&C

<p><b>Unit 2</b> *for additional curriculum information, please visit the district's resource <a href="#">High School Pacing Guides</a> or <a href="#">Georgia's K-12 Standards</a></p>	<p><b>Course Name: Algebra I</b> <b>Analyzing Linear Inequalities</b></p>	<p><b>Considerations or scaffolds for Support</b></p>
<p><b>Day 1</b></p>	<p>Standard(s): <b>8.PAR.3: Create and interpret expressions within relevant situations. Create, interpret, and solve linear equations and linear inequalities in one variable to model and explain real phenomena.</b></p> <p><b>LT:</b></p> <ul style="list-style-type: none"> <li>- I will create and solve inequalities in one variable.</li> <li>-I can graph and identify the solution on a number line.</li> </ul> <p><b>SC:</b></p> <ul style="list-style-type: none"> <li>-I understand how to isolate a variable.</li> <li>-I can identify the inverse operations in the problem.</li> <li>-I can check my answer to make sure I have the correct solution.</li> <li>-I know to change the inequality symbol when multiplying or dividing by a negative.</li> <li>-I know the difference between the inequality signs when graphing on them on a number line.</li> <li>-I can properly read an inequality.</li> </ul> <p>Lesson Activity: Solving Inequalities in One Variable.</p>	<p>Resources: Desmos, IXL, DeltaMath, Inspire, Pear Assessment</p>
<p><b>Day 2-3</b></p>	<p><b>Standard(s): A.PAR.4.1</b> Create and solve linear inequalities in two variables to represent relationships between quantities including mathematically applicable situations; graph inequalities on coordinate axes with labels and scales.</p>	

	<p>–<b>A.PAR.4.2</b> Represent constraints of linear inequalities and interpret data points as possible or not possible.</p> <p>–<b>A.MM.1.1</b></p> <p>–<b>A.MM.1.4</b></p> <p><b>LT:</b></p> <ul style="list-style-type: none"> <li>–I can solve and graph the solution for a linear inequality in two variables.</li> <li>–I can determine solutions and nonsolutions given the graph of a two-variable inequality.</li> <li>–I can describe the graph that represents the solutions to a linear inequality in two variables.</li> </ul> <p><b>SC:</b></p> <ul style="list-style-type: none"> <li>–I can convert a linear inequality from standard form to slope intercept form.</li> <li>–I can graph a linear inequality in slope intercept form.</li> <li>–I can identify whether to draw a solid or dotted line to represent the linear inequality.</li> <li>–I can identify whether to shade above or below the boundary line of the given inequality.</li> <li>–I understand the solution set of a linear inequality.</li> </ul> <p>Lesson Activity: Solving Inequalities in Two Variables.</p>	
<p><b>Day 4</b></p>	<p><b>Standard(s): A.PAR.4.1</b> Create and solve linear inequalities in two variables to represent relationships between quantities including mathematically applicable situations; graph inequalities on coordinate axes with labels and scales.</p> <p>–<b>A.PAR.4.2</b> Represent constraints of linear inequalities and interpret data points as possible or not possible.</p> <p>–<b>A.MM.1.1</b></p> <p>–<b>A.MM.1.4</b></p> <p><b>LT:</b></p> <ul style="list-style-type: none"> <li>–I can solve and graph the solution for a linear inequality in two variables.</li> <li>–I can determine solutions and nonsolutions given the graph of a two-variable inequality.</li> <li>–I can describe the graph that represents the solutions to a linear inequality in two variables.</li> </ul> <p><b>SC:</b></p> <ul style="list-style-type: none"> <li>–I can convert a linear inequality from standard form to slope intercept form.</li> <li>–I can graph a linear inequality in slope intercept form.</li> <li>–I can identify whether to draw a solid or dotted line to represent the linear inequality.</li> <li>–I can identify whether to shade above or below the boundary line of the given inequality.</li> <li>–I understand the solution set of a linear inequality.</li> </ul>	

	Lesson Activity: Graphing systems of inequalities.	
<b>Day 5</b>	Quiz Review	
<b>Day 6</b>	QUIZ: Linear Inequalities in One/Two Variables/Graphing Systems	
<b>Day 7</b>	<p><b>Standard(s):</b>  <b>A.PAR.4.3</b> Solve systems of linear inequalities by graphing, including systems representing a mathematically applicable situation.</p> <p>LT:</p> <ul style="list-style-type: none"> <li>-I can graph linear inequalities in two variables.</li> <li>-I can interpret the solution to a systems of linear inequalities.</li> <li>-I can determine if a pair of values is in the solution set of an inequality or system of inequalities.</li> </ul> <p>SC:</p> <ul style="list-style-type: none"> <li>-I can convert a linear inequality from standard form to slope intercept form.</li> <li>-I can graph a linear inequality in slope intercept form.</li> <li>-I can identify whether to draw a solid or dotted line to represent the linear inequality.</li> <li>-I can identify whether to shade above or below the boundary line of the given inequality.</li> <li>-I understand the solution set of a linear inequality.</li> </ul> <p>Lesson Activity: Solving System of Inequalities Word Problems</p>	
<b>Day 8-9</b>	<p><b>Standard(s):</b>  <b>A.PAR.4.3</b> Solve systems of linear inequalities by graphing, including systems representing a mathematically applicable situation.</p> <p>LT:</p> <ul style="list-style-type: none"> <li>-I can graph linear inequalities in two variables.</li> <li>-I can interpret the solution to a systems of linear inequalities.</li> <li>-I can determine if a pair of values is in the solution set of an inequality or system of inequalities.</li> </ul>	

	<p>SC:</p> <ul style="list-style-type: none"><li>-I can convert a linear inequality from standard form to slope intercept form.</li><li>-I can graph a linear inequality in slope intercept form.</li><li>-I can identify whether to draw a solid or dotted line to represent the linear inequality.</li><li>-I can identify whether to shade above or below the boundary line of the given inequality.</li><li>-I understand the solution set of a linear inequality.</li></ul> <p>Lesson Activity: Solving System of Inequalities Word Problems</p>	
<b>Day 10</b>	Review for Test	
<b>Day 11</b>	TEST on inequalities and systems of inequalities  Projected Test Date is November 15, 2024	