

Standard(s)	<p><u>Reason about and solve one-variable equations and inequalities.</u></p> <p>MGSE6.EE.5 Understand solving an equation or inequality as a process of answering a question: which values from a specified set, if any, make the equation or inequality true? Use substitution to determine whether a given number in a specified set makes an equation or inequality true.</p> <p>MGSE6.EE.6 Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.</p> <p>MGSE.6.EE.7 Solve real-world and mathematical problems by writing and solving equations of the form $x+p = q$ and $px = q$ for cases in which p, q and x are all nonnegative rational numbers.</p> <p>MGSE.6.EE.8 Write an inequality of the form $x < c$ or $x > c$ to represent a constraint or condition in a real-world or mathematical problem. Recognize that inequalities of the form $x < c$ or $x > c$ have infinitely many solutions; represent solutions of such inequalities on number line diagrams. Represent and analyze quantitative relationships between dependent and independent variables.</p> <p>MGSE6.EE.9 Use variables to represent two quantities in a real-world problem that change in relationship to one another.</p> <p>a. Write an equation to express one quantity, the dependent variable, in terms of the other quantity, the independent variable.</p> <p>b. Analyze the relationship between the dependent and independent variables using graphs and tables, and relate these to the equation. For example, in a problem involving motion at constant speed, list and graph ordered pairs of distances and times, and write the equation to represent the relationship between distance and time.</p>				
Essential questions Or "I Can..." statements	<u>Monday</u>	<u>Tuesday</u> I can write, interpret, manipulate, and solve equations and inequalities.	<u>Wednesday</u> I can solve and graph one-step inequalities with positive, rational numbers.	<u>Thursday</u> I can write, interpret, manipulate, and solve equations and inequalities.	<u>Friday</u>
Warm-up		#95-96	#97	#98	#99
Opening		https://www.brainpop.com/math/algebra/inequalities/	https://www.brainpop.com/math/algebra/graphingandsolvinginequalities/	Review homework	
Work Session	NO SCHOOL	-4 question quiz! -finish the cut & paste activity	-review for test	Unit 4 TEST B	Catch up from field trip week! Students who did not test yesterday will test today. ALL students must finish QBA today Students who have done everything could do the constructed response for the QBA
-----6 th grade CCSSC Field Trip through Friday -----					
Homework	Practice test B				NONE
Closing		Remind students that parents will receive email with answers to the practice test			
Assessment for understanding		Formative-grade quiz for accuracy. Check cut & paste	Formative-calling on students to see what they need the most help with before tomorrow	Summative-grade test for accuracy	

Unit 4 plan: <https://www.georgiastandards.org/Georgia-Standards/Frameworks/6th-Math-Unit-4.pdf>

Page 19 and 20 have a task that helps with writing equations.

I am attaching a domain 3 review also that could be done any day of the week.