

MATH AGENDA April 22 - 26th

Content Standard: 7.EE.A.1 Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.

7.EE.A.2 Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related.

7.EE.B.4a Solve word problems leading to equations of the form $px+q=r$ and $p(x+q)=r$, where p , q , and r are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach.

7.EE.B.4b Solve word problems leading to inequalities of the form $px+q>r$ or $px+q<r$, where p , q , and r are specific rational numbers. Graph the solution set of the inequality

DATE	FOCUS QUESTION	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA
Monday April 22nd	FOCUS QUESTION What do the blue pawns and red dice mean when using them to solve equations?	<ul style="list-style-type: none"> Students will learn how to use the dice and pawns to solve equations. 	HW: Scale Problems Students will be able to explain that two blue pawns and a seven on the dice means $2x + 7$
Tuesday April 23rd	FOCUS QUESTION How do I use the blue pawns and red dice to solve the equation $4x + 3 = 11$	<ul style="list-style-type: none"> Students will work independently to solve Lesson 1 of the Hands-On Equations 	HW: Hands-On Equation Drawings Students will be able to translate $4x + 3 = 11$ into four blue pawns and a three on the red dice on one side and an 11 on the red dice on the other side. Then solve the equations to get $x = 2$.
Wednesday April 24th	FOCUS QUESTION How do I use the Hands-On Equations to solve this equation: $2x + 3 = 7$	<ul style="list-style-type: none"> Students will work at their own pace on the Hands-On Equations trying to complete the four lessons. 	HW: Build and Solve Worksheet 1 Students will be able to translate $2x + 3 = 7$ into  and solve it to get the answer of $x = 2$
Thursday April 25th	FOCUS QUESTION How am I progressing on solving equations using Hands-On Equations?	<ul style="list-style-type: none"> Students will continue to use the Hands-On Equations to improve their understanding of solving equations. 	HW: Build and Solve Worksheet 2 Students will be able to complete at least three out of the four lessons successfully.
Friday April 26th	FOCUS QUESTION How am I progressing on solving equations using Hands-On Equations? Breakfast Club 7:15 a.m	<ul style="list-style-type: none"> Students will finish working on the four Hands-On Question lessons. 	HW: Build and Solve Worksheet 3 Students will be able to complete at least three out of the four lessons successfully.