

MATH AGENDA April 8 - 12th

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 8th	FOCUS QUESTION What is the pattern of change in a linear relationship?	Investigation 2.2 • Students will work on page 30 problem 2.1A and B making tables and graphing their solution to determine how long the race should be.	HW: Homework WS 4 Students will know how long the race should be so that Henri will win the race.
Tuesday April 9th	FOCUS QUESTION How can you decide if a table or equation represents a linear equation?	Investigation 2.3 • Students will work on page 34 trying to figure out which T-shirt company will give the best price to Ms. Chang's class.	HW: Page 40 problems 5, 7 and 11-14 Students will be able to explain if the No Shrink T-Shirt data has a linear relationship or not.
Wednesday April 10th	FOCUS QUESTION How are the solutions of an equation ($y = mx + b$) related to a graph and table? Guest Teacher (I will be at a science meeting)	Investigation 2.4 • Constant of Proportionality, Tables, Equations and Graphs https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-constant-of-proportionality/e/compare-constants-of-proportionality	HW: Homework WS 5 Students will be able to explain what each part of the equation $y = mx + b$ means.
Thursday April 11th	FOCUS QUESTION What information do I need to know to be successful on the quiz tomorrow?	Investigation 2.4 • Students will work on page 37 trying to understand Alana's pledge plan.	HW: Homework WS 6 Students will know what they need to practice for tomorrow's quiz.
Friday April 12th	FOCUS QUESTION How am I progressing with the standards 7.EE.a.1, 7.EE.A.2, 7.EE.B.4a and 7.EE.B.4b	• Students will take a quiz on Investigation 2 for Moving Straight Ahead.	HW: None Students will score at least 80% or higher on this quiz.