MATH AGENDA April 17 - 21st

7.RP.A.2a Decide whether two quantities are in a proportional relationship, e.g., by testing for equivalent ratios in a table or graphing on a coordinate plane and observing whether the graph is a straight line through the origin.

7.RP.A.2b Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.

DATE	FOCUS QUESTION	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA HOMEWORK
Monday April 17th	**FOCUS QUESTION** What are the steps to solve and algebraic equation?	• Students will continue to practice solving equations by drawing each move they make with the pawns and dice.	**HW:** Balance and Solve Equations (Lesson 3) Students will be able to explain the steps needed to solve this equation. $3x + 1 = x + 2$
Tuesday April 18th	**FOCUS QUESTION** How can you determine whether two ratios are equivalent or find which of two ratios is more favorable?	• Students will watch a launch video. • Students will work in the book on Page 42 problem 2.1 to answer the question of which table receives more pizza? **Question:** Does a person sitting at a large table of 10 people sharing four pizzas get the same amount of pizza as 8 people sitting at a small table sharing 3 pizzas of the same size?	**HW:** Page 51 problems 1-4 and Page 59 problem 28 Students will be able to explain using ratios why 8 people sitting at a small table sharing 3 pizzas are not getting as much pizza as 10 people sitting at the large table sharing four pizzas.
Wednesday April 19th	**FOCUS QUESTION** What are the steps to solve and algebraic equation?	• Students will use the class time to work on "Balance and Solve Equations (Lesson 4). **GUEST TEACHER** (I am at a doctor's appointment with my daughter)	**HW** Page 52 problems 5-8 Students will be able to work independently to find a pattern in a table of values. <table><tr><td>x</td><td>2</td><td>4</td><td>6</td><td>8</td></tr><tr><td>y</td><td>5</td><td>9</td><td>13</td><td>17</td></tr></table>
Thursday April 20th	**FOCUS QUESTION** How can you use rate tables to find missing values?	• Students will answer the questions on Page 45 problem 2.2 A and B and discuss their answers in class.	**HW:** Page 53 problems 9-13 and Page 59 problem 27 Students will be able to find a missing value in a table of values.
Friday April 21st	**FOCUS QUESTION** How can you use rate tables to find missing values?	• Students will answer the questions on Page 46 problem 2.2C and discuss their answers in class.	**HW:** None Students will be able to find a missing value in a table of values.