MATH AGENDA May 22 - 26th

7.RP.A.2 Recognize and represent proportional relationships between quantities.

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.

7.RP.A.2c Represent proportional relationships by equations.

DATE	FOCUS QUESTION	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA HOMEWORK
Monday May 22nd	**FOCUS QUESTION** What equations represents the relationship between the time and the the distance you walk at a constant rate What are the dependent and independent variable?	• Students will watch a launch video. • Students will time how long it takes the to walk 10 m. Then they will answer questions about their "walking rate".	**HW:** Page 16 problem 1-2 and Page 21 problems 15-18 Students will be able to find their walking rate and write an equations using this rate
Tuesday May 23rd	**FOCUS QUESTION** How can you predict whether a relationship is linear from a table? a graph? or an equation?	• Students will write a definition for Linear Relationship. • Students will complete and discuss problem 1.2A on page 10.	**HW:** Page 16 problem 3-5 Page 21 problems 19-22 Students will be able to identify a linear relationship when looking at a graph. The plotted points will fall in a straight, diagonal line.
Wednesday May 24th	**FOCUS QUESTION** How can you predict whether a relationship is linear from a table? a graph? or an equation?	• Students will complete problems 1.2B and C on page 10. **GUEST TEACHER** (I will be at a math meeting)	**HW:** Page 18 problems 6-9 and Page 22 problems 23-26 Students will be able to recognize the pattern in a table of values as a linear relationship.
Thursday May 25th	**FOCUS QUESTION** What is the pattern of change in a linear relationship?	• Students will write a definition for independent and dependent variables. • Students will complete problem and discuss 1.3A on page 12 on how pledge rates affect fundraising.	**HW:** Page 19 problems 10-14 Students will be able to find the constant in a table of values and use this value to write an equation.
Friday May 26th	**FOCUS QUESTION** What affects the amplitude of a wave?	• Students will collect data when demonstrating what affects the amplitude of a wave?	**HW:** None Students will use their data to create a visual presentation.