MATH AGENDA January 23 - February 3rd

Content Standard: **7.RP.A.2a** Decide whether two quantities are in a proportional relationship by testing for equivalent rations 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 in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.

DATE	FOCUS QUESTION	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA HOMEWORK
Monday January 30th	**FOCUS QUESTION** What information do I need to know to be successful on tomorrow's quiz?	• Students will work on a reflection journal to help prepare for their quiz tomorrow. They will also have a change to work with me to improve their understanding.	**HW:** Reflection Journal (Investigation 1) Students will be able to name the information that will be on tomorrow's quiz.
Tuesday January 31st	**I can** identify two shapes that are similar. **I can** explain why two shapes are similar. **I can** find the length and width of a shape that has been increased "x" times.	• Students will take a Stretching and Shrinking Quiz (investigation 1)	**HW:** Fill in the chart on Page 29. At least 80% of the students will achieve a 3 or a 4 on their quiz.
Wednesday February 1st	**FOCUS QUESTION** How can you determine if two shapes are similar by looking at the rule for producing specific coordinates for the image?	• Students will correct their answers on their quiz. • Students will answer the questions on page 29 problems 2.1 A, B and C	**HW:** Page 36 problems 1 and 2 Students will be able to explain the rule for making a similar shape double in length and width.
Thursday February 2nd	**FOCUS QUESTION** How can you decide whether or not two shapes are similar? **GROUNDHOG's DAY**	• Students will apply the rules for Mug's hat and fill in the table to look for patterns of change. (Page 31 problems 2.2 A, B and C.)	**HW:** Page 37 problems 3 and 4 Students will be able to explain the rule for making a shape increase in length but not in width?
Friday February 3rd	**FOCUS QUESTION** How does an equation change the graphed picture?	• Students will work on a worksheet, "Understanding the Rules that Change the Picture"	**HW:** None Students will to write an equation that will move a similar shape to the left three spaces.