MATH AGENDA February 6 - 10th

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 February 6th	**FOCUS QUESTION** How can you decide whether or not two shapes are similar?	• Students will work on problem 2.3A, B and C on page 34.	**HW:** Page 38 problem 5-9 Students will be able to find the scale factor of two shapes to show that they are similar.
Tuesday February 7th	**FOCUS QUESTION** How can I use the scale factor to find the perimeter and area of a similar shape?	• Students will calculate the perimeter and area of similar shapes using the scale factor. • Students will answer question 12 on page 41.	**HW:** Math (Scale Factor) and Page 40 problems 10-11 Given a rectangle with length 1 cm and 4cm, students will be able to find the perimeter and area of a similar rectangle with a S.F. = 3
Wednesday February 8th	**FOCUS QUESTION** How can I use the scale factor to find the perimeter and area of a similar shape?	• Students will work on a reflection sheet during the class and ask questions to prepare for their quiz tomorrow.	**HW:** Reflection Journal (Investigation 2) Students will feel confident in working with the scale and area factor of similar shapes.
Thursday February 9th	**I can** find the perimeter of a polygon. **I can** find the area of a polygon. **I can** find the length and width of a shape that has been increased "x" times. **I can** find the scale factor of two similar shapes.	• Students will take a partner quiz on . . . Investigation 2 (Stretching and Shrinking)	**HW:** None Students will be able to achieve at least a level 3 or a 4 on the mastery level scale.
Friday February 10th	**FOCUS QUESTION** Where do I need to improve my understanding of scale factor? **1 and 2's Reward Party**	• Students will make corrections on their quiz. • Students will play games on the computer to improve their understanding of perimeter, area and scale factor.	**HW:** None