November

7th & 8th Grade Math + Algebra

What We Are Learning

7th Grade -Students will explore how similarity and scale factor are used to model objects and will learn to calculate the likelihood (probability) of events, connecting these concepts to real-world scenarios.

7th Grade Honors - Students will be covering similarity and scale drawings as well as transformations on a coordinate grid.

8th Grade - Students are exploring and identifying transformations of shapes on a coordinate plane. These include translations, reflections, rotations, and dilations.

Algebra - Students will be graphing linear inequalities that have a solution set. We will then move into our next Unit 5: Systems of equations

Talk About Learning

7th Grade & 7th Grade Honors - Similarity: Similar figures are used all around our everyday lives. Chat about where you use similar figures in your everyday life. Search for an online map of your state. What is the current scale? Try zooming in or zooming out. Does that affect the scale of the map? If so, how does zooming in or out affect the scale of the map?
Probability: Watch the local news. How does the meteorologist use probability in their weather forecasts? How does probability affect your daily plans and wardrobe? What are some different examples of probability mentioned during the weather forecast?
8th Grade & 7th Grade Honors - Transformations: Translations, Reflections, and Rotations. This video explains translations, reflections, and rotations, providing a helpful visual breakdown of the concepts your child is learning.

What We Need

- tissues, sanitizer, dumdum lollies for prizes

Students should be bringing **PENCILS** to class daily. The math department collectively has gone through over 1000 pencils so far this year. Students are asking for pencils DAILY and not bringing them to class.

Important Reminders

- Algebra - Students need to bring their binder, notes, assignments, and pencils to class DAILY:)
- Students have access to IXL to practice skills.
- A helpful website for parents https://www.fiveminutemath.net/

Upcoming Events
dates are tentative

7th Grade:
11/12 - Unit 5 Similarity Test

7th Grade Honors:
11/21 - Similarity & Transformations Test
7th Honors: project due 11/21 (sent home 11/4)

8th Grade:
11/19 Unit 4 Transformations Test

Algebra:
11/12 - Unit 4 Linear Inequalities Test
11/20 - Unit 5 Graphing vs. Substitution Quiz