Unit 4: Ratios

Our Learning Goals:

We will…

- ✓ generate equivalent forms of fractions, decimals, and percents.
- ✓ convert units within a measurement system.
- ✓ solve real world problems involving a part to whole relationship.
- ✓ make connections between math concepts and how to apply those concepts in real-world examples.
- ✓ use critical thinking skills and reading and writing learning strategies to gather and organize data to explore and extend number patterns.

Why do we study this?

Students and adults use equivalent forms of fraction, decimal, and percent whey they are: shopping, cooking, baking, and going out to eat. Throughout this unit, students will use manipulatives and tables to compare and use ratios and unit rates to solve real world problems. We will use models to understand percent, convert between fractions, decimals and percent, and apply our understanding to solve problems.

How we will show what we have learned…

Students will be given multiple opportunities to develop mastery of these concepts culminating in a district-wide common assessment that will consist of multiple choice questions.

Sample Problem:

Nate is selling a DVD of one performance for $19.99. This is the price after a discount of 25%. What was the original cost?

Additional Support:

• Check teacher web and Canvas pages for additional resources and practice.

• We recommend Khan Academy and Virtual Nerd as reliable video resources.

• A "Growth Mindset" is needed for positive development in a child. Go to www.youcubed.org to find resources for building a growth mindset in your own student.

• Have your child attend tutorials at school. There are multiple options available.

EAGLE MOUNTAIN SAGINAW ISD
Curriculum and Instruction

Questions? Please contact your 6th grade math teacher.

We look forward to a great year!

--Your EMS ISD 6th Grade Math Team