

6th Grade Math

First 9 Weeks

- Multiply and divide fractions.
- Divide multi-digit numbers.
- Add, subtract, multiply, and divide multi-digit decimals
- Find Greatest Common Factor and Least Common Multiple of whole numbers.
- Use integers to describe quantities having opposite directions.
- Locate rational numbers and integers and their opposites on number lines and coordinate planes.
- Graph ordered pairs on the Cartesian coordinate system.
- Order rational numbers from least to greatest or greatest to least and find the absolute value of rational numbers.
- Solve problems by graphing points on a coordinate plane.

Common Formative Assessment 1 – Week of August 29, 2016

Common Formative Assessment 2 – Week of October 3, 2016

Second 9 Weeks

- Use ratio language to describe ratio relationships.
- Use unit rate and unit rate language in ratio relationships.
- Solve real world problems using ratios and rates.
- Write and evaluate expressions with exponents.
- Evaluate expressions at specific values of their variables.

- Apply properties (Commutative, Associative, and Distributive Properties) of operations to generate equivalent expressions.
- Identify and write equivalent expressions.
- Identify values that will make equations or inequalities true.

Common Formative Assessment 3 – Week of November 7, 2016

Common Formative Assessment 4 – Week of December 12, 2016

Third 9 Weeks

- Translate expressions from verbal to algebraic and algebraic to verbal.
- Write expressions containing variables to solve problems.
- Write and solve equations using positive rational numbers.
- Write and solve inequalities.
- Represent and analyze relationships between dependent and independent variables.
- Find the area of polygons.
- Find the volume of prisms.
- Draw polygons using ordered pairs on a coordinate grid.
- Use nets to find the surface area of 3-D figures.

Common Formative Assessment 5 – Week of January 30, 2017

Common Formative Assessment 6 – Week of March 6, 2017

Fourth 9 Weeks

- Recognize statistical questions.
- Describe data distributions by their center, spread, and shape.

- Describe the difference in the measure of center and measure of variation. (Mean, Median, Mode, Range)
- Display data on number lines, dot plots, histograms, and box plots.
- Summarize and describe distributions. (Data observations, shapes, and collection methods and how they affect the overall outcome.)

Common Formative Assessment 7 – Week of April 3, 2017

Math 6th Grade State Standards are found:

http://tn.gov/assets/entities/education/attachments/std_math_gr_6.pdf

**All common assessments will be scheduled within the week assigned. Each school may adjust the day of the week to meet the individual's school schedule.*

**Common assessments may be rescheduled due to inclement weather.*