



Curriculum – Sixth Grade Math

GO Math offers an engaging and interactive approach to covering state standards. Its seamless digital path and Write-In Student Edition ensure that students can access content at appropriate levels of depth and rigor. Grade 6 curriculum allows students to learn ratio and proportional relationships, the number system, expressions and equations, geometry, and statistics and probability.

Parent Resources: http://www.eduplace.com/parents/mw/g_6.html

This year your child's curriculum will include the following:

Marking Period 1: Numbers and Number Operations

- Integers, factors and multiples, and rational numbers
- Number Operations with fractions and decimals

Marking Period 2: Proportionality and Equivalent Expressions

- Ratios, rates, and percents to solve real world problems
- Generating Equivalent Numerical Expressions: Equivalent Expressions and algebraic expressions used to solve real world problems
- Equations and Inequalities: Writing Equations; Addition and Subtraction of Equations; Multiplication and Division of Equations; and Writing Inequalities

Marking Period 3: Relationships in Geometry

- Calculate, model and compare two-dimensional area and three-dimensional surface area and volume
- Area of polygons (parallelograms, rhombuses, and trapezoids)
- Using equations to solve problems about area of rectangles, parallelograms, trapezoids, and triangles
- Find the area of a polygon by breaking it into simpler shapes
- Distance and Area in the Coordinate Plane
- Surface Area and Volume of Solids
- Use absolute value to find the distance between two points with the same x or y coordinate
- Use nets to find surface areas
- Find volume of a rectangular prism

Marking Period 4: Measurement and Data

- Solve real world problems by displaying, analyzing, and summarizing data
- Using measure of center to describe a data set
- Determine and use the mean absolute deviation of a set of data points
- Use a box plot and measures of spread to describe a data set
- Using mode, median, mean, and range of data sets to describe data and make predictions
- Exploring ways to represent data in a histogram