



Course Description

SUBJECT: MATH

5th Grade Math

- Divide multi-digit numbers
- Fractions
- Decimals
- Inequalities
- Variables
- Whole numbers
- Median, mean, and range
- Three-dimensional figures
- Area of triangles and quadrilaterals
- Area and volume of rectangular prisms
- Add fractions, decimals, ratios, and mixed numbers
- Subtract fractions, decimals, ratios, and mixed numbers
- Use properties of arithmetic with whole numbers

6th Grade Math

- Rational numbers
- Integers
- Ratios
- Multiplication
- Division
- Graphs
- Patterns
- Tables
- Probabilities
- Inequalities and equations using variables
- Positive and negative rational numbers
- Commutative, associative, distributive, identity, and inverse properties
- 2-D and 3-D shapes — perimeter, area, and surface area
- Angles and relationships of geometric figures
- Identify the correct unit of measurements and ratios to convert measurements



7th Grade Math

- Display and interpret graphs
- Probabilities
- Order of operations
- Whole numbers with exponents
- Solve proportional relationship word problems
- Use proportions to find measurements
- Analyze measurements to scale
- Positive and negative rational numbers — integers, fractions, and decimals
- How to solve real-world problems using algebraic equations, graphs, and properties of equality
- How two-dimensional shapes translate and reflect over a coordinate plane
- Use median, range, and mode