

## Topics to be covered for 6<sup>th</sup> Grade Math

1. Numeration
  - A. Place-value
  - B. Decimal place value
2. Variables, Expressions and Properties
  - A. Using variables in word problems
  - B. Evaluate expressions
  - C. Properties and order of operations
3. Operations with decimals
  - A. Add and subtract
  - B. Multiply and divide
  - C. Evaluate expressions
4. Fractions
  - A. Fraction concepts
    1. G.C.F.
    2. L.C.M.
    3. Prime factorization
5. Integers
  - A. Understanding and comparing
  - B. Add/subtract/multiply/divide
  - C. Solve equations
  - D. Graphing on coordinate planes
6. Ratios, Rates and Proportions
  - A. Equal ratios and proportions
  - B. Compare rates
  - C. Distance, rate and time
  - D. Solve proportions
7. Geometry
  - A. Measurement
  - B. Perimeter and area
  - C. Volume and surface area
  - D. Data and graphs
8. Probability
  - A. Permutations
  - B. Independent and dependent events