# 6th Grade Math Curriculum Map
## (Grade and Subject)

| | GPS - # | Content and Skills |
|---|---|---|
| **August** | M6D1a-e | Data Analysis<br>- Surveys<br>- Constructing graphs<br>- Choosing appropriate graphs<br>- Analyzing & interpreting data within a graph |
| **September** | M6N1 a-c | Number & Operations<br>- Factors & Multiples<br>- Prime Factorization<br>- Greatest Common Factor & Least Common Multiple |
| **October** | M6N1 d-e | Numbers & Operations<br>- Add and subtract fractions and mixed numbers with unlike denominators<br>- Multiply and divide fractions and mixed numbers<br>- Use fractions, decimals, and percents |
| **November** | M6N1 f-g<br><br>M6A2 a | Numbers & Operations<br>- Use fractions, decimals, and percents<br><br>Algebra<br>- Analyze and describe patterns from rules, tables, and graphs<br>- Algebraic expressions including one step equations |
| **December** | M6A2 b-g | Algebra<br>- Algebraic expressions including one step equations<br>- Use proportions $a/b = c/d$ and $y = kx$ |

| | GPS - # | Content and Skills |
|---|---|---|
| **January** | M6A2 b-g<br><br>M6G1a-b | Algebra<br>- Algebraic expressions including one step equations<br>- Use proportions $a/b = c/d$ and $y = kx$<br><br>Geometry<br>- Symmetry – line and rotational |
| **February** | M6M1<br><br>M6M2a-c<br><br>M6M3 | Measurement<br>- Conversions between customary and metric systems<br>- Measure length to nearest half, fourth, eighth and sixteenth of an inch<br>- Use appropriate units of measure |
| **March** | M6M3, M6M4<br><br>M6G2 a-d<br><br>M6D2 a-c | Measurement<br>- Volume, fundamental solids (right rectangle prisms, cylinders, pyramids and cones)<br>- Surface area of right rectangular prisms and cylinders<br><br>Probability<br>- Experimental and Theoretical Probability |
| **April** | | CRCT |
| **May** | M7N1 a-e | Integers – Positive and negative rational numbers including decimals and use in computations |