**2017-18 Mathematics | Grade 6 | MNPS Year-at-a-Glance**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Unit** | **Unit Title** | **Standards** | **Summary of Standard** |
| **Quarter 1** | Unit 1 | Dividing Multi-Digit Numbers; Computations with Decimals | 6.NS.B.2 6.NS.B.3 6.NS.B.4 | Long Division of Multi-Digit Terms  ASMD with Multi-Digit Decimals  Combine GCF/LCM with Distributive |
| Unit 2 | Dividing Fractions; Finding GCF and LCM | **6.NS.A.1** 6.NS.B.4 | Interpret Division of Fractions  Combine GCF/LCM with Distributive |
| Unit 3 | Understanding Ratios and Rates | **6.RP.A.1 6.RP.A.2**  **6.RP.A.3a**  **6.RP.A.3b**  **6.RP.A.3c**  **6.RP.A.3d** | Interpret Ratios in Context  Interpret Unit Rates in Context  Make Tables of Equivalent Ratios  Solve Unit Rate/Price Problems  Compare Percents to Rates/100  Convert Between Units |
| **Quarter 2** |
| Unit 4 | Rational Numbers; Number Lines; Coordinate Plane | **6.NS.C.5 6.NS.C.6abc**  **6.NS.7abc 6.NS.C.8** 6.G.A.3 | Interpret Negatives in Context  Interpret Negatives on a Graph  Interpret Negatives in Abs. Value  Graph Points in All 4 Quadrants  Draw Polygons on a Graph |
| **Quarter 3** | Unit 5 | Reading, Writing, and Evaluating Expressions | **6.EE.A.1 6.EE.A.2abc 6.EE.A.3 6.EE.A.4** | Evaluate Integer Exponents  Write Expressions with Variables  Properties (Comm/Assoc/Distrib)  Identify Equivalent Expressions |
| Unit 6 | Equations and Inequalities | **6.EE.B.5 6.EE.B.6 6.EE.B.7 6.EE.B.8 6.EE.C.9ab** | Prove Equations via Substitution  Use and Understand Variables  Solve One-Step Equations  Write and Graph Inequalities  Write Equations with Two Variables |
| **Quarter 4** | Unit 7 | Area, Surface Area, and Volume | 6.G.A.1 6.G.A.2 6.G.A.4 | Find Area via Rectangles/Triangles  Find Volume with Fraction Sides  Find Surface Area of 3D via Nets |
| Unit 8 | Statistical Variability and Distributions | 6.SP.A.1 6.SP.A.2 6.SP.A.3 6.SP.B.4 6.SP.B.5abcd | Understand Statistical Questions  Describe Center, Spread, and Shape  Compare Center and Variation  Dot/Box/Stem Plots and Pie Charts  Summarize Numerical Data Sets |