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

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|  | **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 TermsASMD with Multi-Digit DecimalsCombine GCF/LCM with Distributive |
| Unit 2 | Dividing Fractions; Finding GCF and LCM | **6.NS.A.1** 6.NS.B.4 | Interpret Division of FractionsCombine GCF/LCM with Distributive |
| Unit 3 | UnderstandingRatios and Rates | **6.RP.A.16.RP.A.2****6.RP.A.3a****6.RP.A.3b****6.RP.A.3c****6.RP.A.3d** | Interpret Ratios in ContextInterpret Unit Rates in ContextMake Tables of Equivalent RatiosSolve Unit Rate/Price ProblemsCompare Percents to Rates/100Convert Between Units |
| **Quarter 2** |
| Unit 4 | Rational Numbers; Number Lines; Coordinate Plane | **6.NS.C.5 6.NS.C.6abc****6.NS.7abc6.NS.C.8** 6.G.A.3 | Interpret Negatives in ContextInterpret Negatives on a GraphInterpret Negatives in Abs. ValueGraph Points in All 4 QuadrantsDraw 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 ExponentsWrite Expressions with VariablesProperties (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 SubstitutionUse and Understand VariablesSolve One-Step EquationsWrite and Graph InequalitiesWrite 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/TrianglesFind Volume with Fraction SidesFind Surface Area of 3D via Nets |
| Unit 8 | Statistical Variabilityand Distributions | 6.SP.A.1 6.SP.A.2 6.SP.A.3 6.SP.B.4 6.SP.B.5abcd | Understand Statistical QuestionsDescribe Center, Spread, and ShapeCompare Center and VariationDot/Box/Stem Plots and Pie ChartsSummarize Numerical Data Sets |