**2017-2018 Mathematics | Grade 5 | MNPS Year-at-a-Glance**

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|  | **Unit** | **Unit Title** | **Standards** | **Summary of Standard** |
| **Quarter 1** | Unit 1 | Place Value, Powers of 10, and Rounding | **5.NBT.A.1 5.NBT.A.2 5.NBT.A.3 5.NBT.A.4** | Place Value = Powers of 10  Zeroes for Mult/Div by 10  Expanded Form  Rounding Decimals |
| Unit 2 | Multi-Digit Mult. and Division | **5.NBT.B.5 5.NBT.B.6** | Long Multiplication  Long Division |
| **Quarter 2** | Unit 3 | Operations w/ Decimals and Measurement Conversion | **5.NBT.B.7** 5.MD.A.1 | A/S/M/D with Decimals  Unit Conversions |
| Unit 4 | Multiplying Fractions | **5.NF.B.4a 5.NF.B.4b 5.NF.B.5a 5.NF.B.5b 5.NF.B.6** | Manipulate Fraction/Integer Mult.  Area of Rectangle with Fractions  Compare Factors with Products  Interpret Mult. of Fractions  Contextual Fractions and Mixed Num |
| **Quarter 3** | Unit 5 | Interpreting Fractions as Division; Dividing Fractions; Line Plots | **5.NF.B.3 5.NF.B.7a** **5.NF.B.7b 5.NF.B.7c** 5.MD.B.2 | Interpret Fractions as Division  Dividing Fractions by Integers  Dividing Integers by Fractions  Contextual Division with Fractions  Fractions on Line Plots |
| Unit 6 | Add and Sub. Fractions | **5.NF.A.1 5.NF.A.2** | Add/Sub Unlike Denominators  Contextual A/S with Unlike Denom. |
| Unit 7 | Writing Simple Expressions (OoO) | 5.OA.A.1 5.OA.A.2 | Evaluate Expressions with OoO  Interpret Numerical Expressions |
| **Quarter 4** | Unit 8 | Numerical Patterns and the Coordinate System | 5.OA.B.3a 5.OA.B.3b 5.G.A.1 5.G.A.2 | Compare Terms in Diff. Patterns  Turn Terms into Ordered Pairs  Graph Ordered Pairs in QI  Interpret Coordinate Pairs |
| Unit 9 | 2D Figures | 5.G.B.3 | Classify Two-Dimensional Figures |
| Unit 10 | Volume | **5.MD.C.3a 5.MD.C.3b 5.MD.C.4 5.MD.C.5a 5.MD.C.5b 5.MD.C.5c** | Defining a Unit Cube  Finding Volume Via Unit Cubes  Measure Volume with Units  Volume of Rectangular Prisms  Using Formulas for Rect. Prisms  Add Volumes of Multiple Figures |