

**5th Grade Math Pacing Guide**

Measurement topics are listed in suggested order of instruction.

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|  | **Measurement**  **Topic** | **3.0 Element** | **Accomplish Score** | **Where do I need to focus/Thoughts** |
| Quarter 1 | | | | |
| Q1 | Decimal Place Values | **DPV1—**Shift a decimal value in relation to its decimal point by multiplying or dividing it by a power of  **DPV2—**Compare decimal values |  |  |
| Exponents | **E1—**Evaluate whole numbers raised to whole-number powers  **E2—**Evaluate expressions involving whole-number powers of |  |  |
| Decimal Addition and Subtraction | **DAS1—**Add and subtract decimal values |  |  |
| Multiplication and Division | **MD1**—Multiply multi-digit whole numbers using the standard algorithm  **MD2**—Divide multi-digit whole numbers using strategies based on place value, the properties of operations, and the relationship between multiplication and division  **MD3—**Use the properties of place value and multiples of to simplify and solve problems |  |  |
| Quarter 2 | | | | |
| Q2 | Decimal Multiplication and Division(15-19 days) | **DMD1—**Multiply decimal values  **DMD2—**Divide decimal values |  |  |
| Fraction Multiplication | **FM1—**Multiply fractions by fractions using a diagram or model  **FM2—**Multiply fractions by fractions arithmetically  **FM3—**Compare the size of a product of fractions to its factors without calculating the product |  |  |
| Fraction Division | **FD1—**Represent the quotient of two whole numbers as a fraction  **FD2—**Divide a whole number by a unit fraction  **FD3—**Divide a unit fraction by a whole number |  |  |
| 3rd Quarter | | | | |
| Q3 | Fraction Addition and Subtraction | **FAS1—**Add and subtract fractions with unlike denominators using a diagram or model  **FAS2—**Add and subtract fractions with unlike denominators arithmetically |  |  |
| Numerical Expression | **NE1—**Evaluate numerical expressions  **NE2—**Write numerical expressions to represent verbal descriptions and word problems |  |  |
| Measurement Conversions | **MC1—**Convert between measurement units within the US customary system  **MC2—**Convert between measurement units within the metric system |  |  |
| 4th Quarter | | | | |
| Q4 | Two-Dimensional Figures | **TF1—**Classify two-dimensional figures based on their properties  **TF2—**Construct two-dimensional figures from a given set of properties |  |  |
| Volume | **V1—**Determine the volume of right rectangular prisms by packing them with unit cubes  **V2—**Calculate the volume of right rectangular prisms arithmetically  **V3—**Calculate the volume of three-dimensional figures composed of right rectangular prisms |  |  |
| Coordinate Plane | **CP1—**Graph points on a coordinate plane  **CP2—**Use a coordinate plane to solve problems |  |  |
| Numerical Patterns | **NP1—**Analyze the relationships between numerical patterns  **NP2—**Use a coordinate plane to analyze the relationships between numerical patterns |  |  |