**4th Grade Math Curriculum Map – with CCSS**

**Unit 1 – Place Value and Rounding of Multi-Digit Whole Numbers**

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| **1-1** | **Place Value of Multi-Digit Whole Numbers**  CCSS.MATH.CONTENT.4.NBT.1 |  |  |
| **1-2** | **Naming Numbers Within One Million**  CCSS.MATH.CONTENT.4.NBT.2 |  |  |
| **1-3** | **Forms of Multi-Digit Numbers**  CCSS.MATH.CONTENT.4.NBT.2 |  |  |
| **1-4** | **Comparing Multi-Digit Whole Numbers**  CCSS.MATH.CONTENT.4.NBT.2 |  |  |
| **1-5** | **Rounding Multi-Digit Whole Numbers**  CCSS.MATH.CONTENT.4.NBT.3 |  |  |
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**Unit 2 – Multi-Digit Whole Number Addition and Subtraction**

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| **2-1** | **Multi-Digit Whole Number Addition**  CCSS.MATH.CONTENT.4.OA.3  CCSS.MATH.CONTENT.4.NBT.1  CCSS.MATH.CONTENT.4.NBT.2  CCSS.MATH.CONTENT.4.NBT.4 |  |  |
| **2-2** | **Multi-Digit Whole Number Subtraction**  CCSS.MATH.CONTENT.4.OA.3  CCSS.MATH.CONTENT.4.NBT.1  CCSS.MATH.CONTENT.4.NBT.2  CCSS.MATH.CONTENT.4.NBT.4 |  |  |
| **2-3** | **Solving Two-Step Subtraction Word Problems**  CCSS.MATH.CONTENT.4.OA.3  CCSS.MATH.CONTENT.4.NBT.1  CCSS.MATH.CONTENT.4.NBT.2  CCSS.MATH.CONTENT.4.NBT.4 |  |  |
| **2-4** | **Solving Multi-Step Addition and Subtraction Word Problems**  CCSS.MATH.CONTENT.4.OA.3  CCSS.MATH.CONTENT.4.NBT.1  CCSS.MATH.CONTENT.4.NBT.2  CCSS.MATH.CONTENT.4.NBT.4 |  |  |
| **2-5** | **Creating Word Problems Involving Addition and Subtraction**  CCSS.MATH.CONTENT.4.OA.3  CCSS.MATH.CONTENT.4.NBT.1  CCSS.MATH.CONTENT.4.NBT.2  CCSS.MATH.CONTENT.4.NBT.4 |  |  |

**Unit 3 – Multi-Digit Whole Number Multiplication**

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| **3-1** | **Area and Perimeter Models**  CCSS.MATH.CONTENT.4.OA.1  CCSS.MATH.CONTENT.4.OA.2  CCSS.MATH.CONTENT.4.MD.3 |  |  |
| **3-2** | **Multiplying by 10, 100, and 1,000**  CCSS.MATH.CONTENT.4.NBT.5 |  |  |
| **3-3** | **Multiplying Two-Digit by One-Digit Number**  CCSS.MATH.CONTENT.4.NBT.5 |  |  |
| **3-4** | **Multiplying Three and Four-Digit by One-Digit**  CCSS.MATH.CONTENT.4.NBT.5 |  |  |
| **3-5** | **Multiplying Two-Digit by Two-Digit Number**  CCSS.MATH.CONTENT.4.NBT.5 |  |  |
| **3-6** | **Solve Multiplication Word Problems (Two-Step and Multi-Step)**  CCSS.MATH.CONTENT.4.OA.1  CCSS.MATH.CONTENT.4.OA.2  CCSS.MATH.CONTENT.4.OA.3  CCSS.MATH.CONTENT.4.NBT.5 |  |  |

**Unit 4 – Multi-Digit Whole Number Division**

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| **4-1** | **Division Using Area Models**  CCSS.MATH.CONTENT.4.NBT.6 |  |  |
| **4-2** | **Whole Number Quotients and Remainders**  CCSS.MATH.CONTENT.4.NBT.6 |  |  |
| **4-3** | **Factors and Multiples**  CCSS.MATH.CONTENT.4.OA.4 |  |  |
| **4-4** | **Prime and Composite Numbers**  CCSS.MATH.CONTENT.4.OA.4 |  |  |
| **4-5** | **Division of Multiples of 10, 100, and 1,000 by Single-Digit Numbers**  CCSS.MATH.CONTENT.4.OA.2  CCSS.MATH.CONTENT.4.NBT.6 |  |  |
| **4-6** | **Three and Four-Digit Division with Divisors of 2, 3, 4, and 5**  CCSS.MATH.CONTENT.4.OA.2  CCSS.MATH.CONTENT.4.NBT.6 |  |  |
| **4-7** | **Division with a Zero in the Dividend or in the Quotient**  CCSS.MATH.CONTENT.4.OA.2  CCSS.MATH.CONTENT.4.NBT.6 |  |  |
| **4-8** | **Division with Divisors of 6, 7, 8, and 9**  CCSS.MATH.CONTENT.4.OA.2  CCSS.MATH.CONTENT.4.NBT.6 |  |  |
| **4-9** | **Solve One-Step Division Word Problems**  CCSS.MATH.CONTENT.4.OA.2  CCSS.MATH.CONTENT.4.OA.3  CCSS.MATH.CONTENT.4.NBT.6 |  |  |
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**Unit 5 – Fractions**

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| **5-1** | **Decomposing Fractions to Show Equivalence**  CCSS.MATH.CONTENT.4.NF.3a  CCSS.MATH.CONTENT.4.NF.3b  CCSS.MATH.CONTENT.4.NF.4a |  |  |
| **5-2** | **Fraction Equivalence Using Multiplication and Division**  CCSS.MATH.CONTENT.4.NF.1  CCSS.MATH.CONTENT.4.NF.3a |  |  |
| **5-3** | **Comparing Fractions**  CCSS.MATH.CONTENT.4.NF.2 |  |  |
| **5-4** | **Addition and Subtraction of Fractions**  CCSS.MATH.CONTENT.4.NF.1  CCSS.MATH.CONTENT.4.NF.3a  CCSS.MATH.CONTENT.4.NF.3d |  |  |
| **5-5** | **Fractions Greater Than One**  CCSS.MATH.CONTENT.4.NF.2  CCSS.MATH.CONTENT.4.NF.3b  CCSS.MATH.CONTENT.4.NF.3c  CCSS.MATH.CONTENT.4.NF.4a |  |  |
| **5-6** | **Addition Involving Mixed Numbers**  CCSS.MATH.CONTENT.4.NF.3c |  |  |
| **5-7** | **Subtraction Involving Mixed Numbers**  CCSS.MATH.CONTENT.4.NF.3c |  |  |
| **5-8** | **Repeated Addition of Fractions as Multiplication**  CCSS.MATH.CONTENT.4.NF.4a  CCSS.MATH.CONTENT.4.NF.4b |  |  |

**Unit 6 – Decimal Fractions**

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| **6-1** | **Tenths**  CCSS.MATH.CONTENT.4.NF.5  CCSS.MATH.CONTENT.4.NF.6  CCSS.MATH.CONTENT.4.NF.7 |  |  |
| **6-2** | **Hundredths**  CCSS.MATH.CONTENT.4.NF.5  CCSS.MATH.CONTENT.4.NF.6  CCSS.MATH.CONTENT.4.NF.7 |  |  |
| **6-3** | **Fractions to Decimals and Decimals to Fractions**  CCSS.MATH.CONTENT.4.NF.1  CCSS.MATH.CONTENT.4.NF.5  CCSS.MATH.CONTENT.4.NF.6  CCSS.MATH.CONTENT.4.NF.7 |  |  |
| **6-4** | **Comparing and Ordering Decimals**  CCSS.MATH.CONTENT.4.NF.7 |  |  |
| **6-5** | **Addition with Tenths and Hundredths**  CCSS.MATH.CONTENT.4.NF.3c  CCSS.MATH.CONTENT.4.NF.5  CCSS.MATH.CONTENT.4.NF.6 |  |  |
| **6-6** | **Money as Decimal Numbers**  CCSS.MATH.CONTENT.4.NF.5  CCSS.MATH.CONTENT.4.NF.6  [CCSS.MATH.CONTENT.4.MD.A.2](http://www.corestandards.org/Math/Content/4/MD/A/2/) |  |  |

**Unit 7 – Geometry**

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| **7-1** | **The Undefined Terms in Geometry**  CCSS.MATH.CONTENT.4.G.1 |  |  |
| **7-2** | **Angles**  CCSS.MATH.CONTENT.4.G.1 |  |  |
| **7-3** | **Parallel and Perpendicular Lines**  CCSS.MATH.CONTENT.4.G.1 |  |  |
| **7-4** | **Measuring and Sketching Angles**  [CCSS.MATH.CONTENT.4.MD.C.5](http://www.corestandards.org/Math/Content/4/MD/C/5/)  CCSS.MATH.CONTENT.4.MD.C.6 |  |  |
| **7-5** | **Addition of Angle Measures**  CCSS.MATH.CONTENT.4.MD.C.7 |  |  |
| **7-6** | **Symmetry in 2D Figures**  CCSS.MATH.CONTENT.4.G.1  CCSS.MATH.CONTENT.4.G.3 |  |  |
| **7-7** | **Triangles**  CCSS.MATH.CONTENT.4.G.2 |  |  |
| **7-8** | **Quadrilaterals**  CCSS.MATH.CONTENT.4.G.2 |  |  |
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**Unit 8 – Unit Conversion and Measurements**

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| **8-1** | **Measurements of Length**  **8-1a The Metric Units of Length**  [CCSS.MATH.CONTENT.4.MD.A.1](http://www.corestandards.org/Math/Content/4/MD/A/1/)  **8-1b The Customary Units of Length**  [CCSS.MATH.CONTENT.4.MD.A.1](http://www.corestandards.org/Math/Content/4/MD/A/1/) |  |  |
| **8-2** | **Measurements of Weight**  **8-2a The Metric Units of Weight**  [CCSS.MATH.CONTENT.4.MD.A.1](http://www.corestandards.org/Math/Content/4/MD/A/1/)  **8-2b The Customary Units of Weight**  [CCSS.MATH.CONTENT.4.MD.A.1](http://www.corestandards.org/Math/Content/4/MD/A/1/) |  |  |
| **8-3** | **Measurements of Capacity**  **8-3a The Metric Units of Capacity**  [CCSS.MATH.CONTENT.4.MD.A.1](http://www.corestandards.org/Math/Content/4/MD/A/1/)  **8-3b The Customary Units of Capacity**  [CCSS.MATH.CONTENT.4.MD.A.1](http://www.corestandards.org/Math/Content/4/MD/A/1/) |  |  |
| **8-4** | **Measurements of Time**  [CCSS.MATH.CONTENT.4.MD.A.1](http://www.corestandards.org/Math/Content/4/MD/A/1/) |  |  |
| **8-5** | **Solve Word Problems Involving Measurements**  [CCSS.MATH.CONTENT.4.MD.A.1](http://www.corestandards.org/Math/Content/4/MD/A/1/)  [CCSS.MATH.CONTENT.4.MD.A.2](http://www.corestandards.org/Math/Content/4/MD/A/1/) |  |  |