



## Montana Content Standards

**Subject:** Mathematics

**Grades:** K, 1, 2, 3, 4, 5

**Grade: K - Adopted: 2011**

| STANDARD | STANDARD NAME   | TOUCHMATH UNITS AND MODULES   |
|----------|---|---|
| MP.1.    | Make sense of problems and persevere in solving them. | Unit 1: Numbers & Operations Level 1   Module 4: Addition<br>Unit 1: Numbers & Operations Level 1   Module 5: Subtraction<br>Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 3: Addition<br>Unit 2: Number & Operations Level 2   Module 4: Subtraction<br>Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 6: Composing & Decomposing<br>Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing 10<br>Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15<br>Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20<br>Unit 3: Number & Operations Level 3   Module 5: Word Problems |
| MP.4.    | Model with mathematics.                               | Unit 1: Numbers & Operations Level 1   Module 1: Representing 0-3   |

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|       |                                      | Unit 1: Numbers & Operations Level 1   Module 2: Representing 4-5<br>Unit 1: Numbers & Operations Level 1   Module 3: Comparing<br>Unit 1: Numbers & Operations Level 1   Module 4: Addition<br>Unit 1: Numbers & Operations Level 1   Module 5: Subtraction<br>Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 1: Representing 6-7<br>Unit 2: Number & Operations Level 2   Module 2: Representing 8-9<br>Unit 2: Number & Operations Level 2   Module 3: Addition<br>Unit 2: Number & Operations Level 2   Module 4: Subtraction<br>Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 6: Composing & Decomposing<br>Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing 10<br>Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15<br>Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20<br>Unit 3: Number & Operations Level 3   Module 4: Place Value<br>Unit 3: Number & Operations Level 3   Module 5: Word Problems<br>Unit 3: Number & Operations Level 3   Module 6: Counting<br>Unit 4: Measurement, Geometry, & Data   Module 1: Describing Length<br>Unit 4: Measurement, Geometry, & Data   Module 2: Sorting & Classifying<br>Unit 4: Measurement, Geometry, & Data   Module 3: Data<br>Unit 4: Measurement, Geometry, & Data   Module 4: 2-D Shapes<br>Unit 4: Measurement, Geometry, & Data   Module 5: 3-D Shapes |
| MP.5. | Use appropriate tools strategically. | Unit 4: Measurement, Geometry, & Data   Module 4: 2-D Shapes  |
| MP.7. | Look for and make use of structure.  | Unit 1: Numbers & Operations Level 1   Module 1: Representing 0-3<br>Unit 1: Numbers & Operations Level 1   Module 2: Representing 4-5<br>Unit 2: Number & Operations Level 2   Module 1: Representing 6-7<br>Unit 2: Number & Operations Level 2   Module 2: Representing 8-9<br>Unit 2: Number & Operations Level 2   Module 6: Composing & Decomposing   |

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|                   |   | Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing 10<br>Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15<br>Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20<br>Unit 3: Number & Operations Level 3   Module 4: Place Value<br>Unit 4: Measurement, Geometry, & Data   Module 3: Data<br>Unit 4: Measurement, Geometry, & Data   Module 4: 2-D Shapes<br>Unit 4: Measurement, Geometry, & Data   Module 5: 3-D Shapes<br>Unit 4: Measurement, Geometry, & Data   Module 6: Shapes in the Environment  |
| <b>MT.CC.K.CC</b> | <b>Counting and Cardinality</b>           | <b>Counting and Cardinality</b>   |
| .                 | Know number names and the count sequence. | Unit 1: Numbers & Operations Level 1   Module 1: Representing 0-3<br>Unit 1: Numbers & Operations Level 1   Module 2: Representing 4-5<br>Unit 1: Numbers & Operations Level 1   Module 3: Comparing<br>Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 1: Representing 6-7<br>Unit 2: Number & Operations Level 2   Module 2: Representing 8-9<br>Unit 2: Number & Operations Level 2   Module 3: Addition<br>Unit 2: Number & Operations Level 2   Module 4: Subtraction<br>Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 6: Composing & Decomposing<br>Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing 10<br>Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15<br>Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20<br>Unit 3: Number & Operations Level 3   Module 4: Place Value<br>Unit 3: Number & Operations Level 3   Module 5: Word Problems<br>Unit 3: Number & Operations Level 3   Module 6: Counting |
|                   | Count to tell the number of objects.      | Unit 1: Numbers & Operations Level 1   Module 1: Representing 0-3   |

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|                   |  | Unit 1: Numbers & Operations Level 1   Module 2: Representing 4-5<br>Unit 1: Numbers & Operations Level 1   Module 3: Comparing<br>Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 1: Representing 6-7<br>Unit 2: Number & Operations Level 2   Module 2: Representing 8-9<br>Unit 2: Number & Operations Level 2   Module 3: Addition<br>Unit 2: Number & Operations Level 2   Module 4: Subtraction<br>Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 6: Composing & Decomposing<br>Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing 10<br>Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15<br>Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20<br>Unit 3: Number & Operations Level 3   Module 4: Place Value<br>Unit 3: Number & Operations Level 3   Module 5: Word Problems<br>Unit 3: Number & Operations Level 3   Module 6: Counting<br>Unit 4: Measurement, Geometry, & Data   Module 2: Sorting & Classifying |
|                   | Compare numbers.                         | Unit 1: Numbers & Operations Level 1   Module 1: Representing 0-3<br>Unit 1: Numbers & Operations Level 1   Module 3: Comparing<br>Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 1: Representing 6-7<br>Unit 2: Number & Operations Level 2   Module 2: Representing 8-9<br>Unit 2: Number & Operations Level 2   Module 3: Addition<br>Unit 2: Number & Operations Level 2   Module 4: Subtraction<br>Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction<br>Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing 10<br>Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15<br>Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20<br>Unit 4: Measurement, Geometry, & Data   Module 3: Data   |
| <b>MT.CC.K.OA</b> | <b>Operations and Algebraic Thinking</b> | <b>Operations and Algebraic Thinking</b>  |

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|                     | Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from. | Unit 1: Numbers & Operations Level 1   Module 4: Addition<br>Unit 1: Numbers & Operations Level 1   Module 5: Subtraction<br>Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 3: Addition<br>Unit 2: Number & Operations Level 2   Module 4: Subtraction<br>Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 6: Composing & Decomposing<br>Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing 10<br>Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15<br>Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20<br>Unit 3: Number & Operations Level 3   Module 4: Place Value<br>Unit 3: Number & Operations Level 3   Module 5: Word Problems |
| <b>MT.CC.K.NBT.</b> | <b>Number and Operations in Base Ten</b>   | <b>Number and Operations in Base Ten</b>   |
|                     | Work with numbers 11-19 to gain foundations for place value.   | Unit 1: Numbers & Operations Level 1   Module 4: Addition<br>Unit 1: Numbers & Operations Level 1   Module 5: Subtraction<br>Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 4: Subtraction<br>Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction<br>Unit 2: Number & Operations Level 2   Module 6: Composing & Decomposing<br>Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing 10<br>Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15<br>Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20<br>Unit 3: Number & Operations Level 3   Module 4: Place Value  |

| <b>MT.CC.K.MD</b> | <b>Measurement and Data</b>   | <b>Measurement and Data</b>   |
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|                   | Describe and compare measurable attributes.   | Unit 4: Measurement, Geometry, & Data   Module 1: Describing Length<br>Unit 4: Measurement, Geometry, & Data   Module 2: Sorting & Classifying<br>Unit 4: Measurement, Geometry, & Data   Module 3: Data  |
|                   | Classify objects and count the number of objects in each category.  | Unit 4: Measurement, Geometry, & Data   Module 2: Sorting & Classifying<br>Unit 4: Measurement, Geometry, & Data   Module 3: Data<br>Unit 4: Measurement, Geometry, & Data   Module 4: 2-D Shapes<br>Unit 4: Measurement, Geometry, & Data   Module 5: 3-D Shapes |
| <b>MT.CC.K.G.</b> | <b>Geometry</b>   | <b>Geometry</b>   |
|                   | Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres). | Unit 4: Measurement, Geometry, & Data   Module 4: 2-D Shapes<br>Unit 4: Measurement, Geometry, & Data   Module 5: 3-D Shapes<br>Unit 4: Measurement, Geometry, & Data   Module 6: Shapes in the Environment   |
|                   | Analyze, compare, create, and compose shapes.   | Unit 4: Measurement, Geometry, & Data   Module 3: Data<br>Unit 4: Measurement, Geometry, & Data   Module 4: 2-D Shapes<br>Unit 4: Measurement, Geometry, & Data   Module 5: 3-D Shapes  |

## Grade: 1 - Adopted: 2011

| STANDARD | STANDARD NAME   | TOUCHMATH UNITS AND MODULES   |
|----------|---|---|
| MP.1.    | Make sense of problems and persevere in solving them. | Unit 1: Numbers & Operations Level 1   Module 3: Within 5<br>Unit 1: Numbers & Operations Level 1   Module 4: Addition within 9<br>Unit 1: Numbers & Operations Level 1   Module 5: Subtraction within 9<br>Unit 1: Numbers & Operations Level 1   Module 6: Within 9<br>Unit 2: Numbers & Operations Level 2   Module 2: Addition within 13<br>Unit 2: Numbers & Operations Level 2   Module 3: Addition within 20<br>Unit 2: Numbers & Operations Level 2   Module 4: Backward Counting<br>Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20<br>Unit 2: Numbers & Operations Level 2   Module 6: Within 20<br>Unit 3: Numbers & Operations Level 3   Module 2: Addition within 100<br>Unit 3: Numbers & Operations Level 3   Module 3: Mixed Addition<br>Unit 3: Numbers & Operations Level 3   Module 4: Addition Strategies<br>Unit 3: Numbers & Operations Level 3   Module 5: Subtraction within 100<br>Unit 3: Numbers & Operations Level 3   Module 6: Subtraction Strategies<br>Unit 3: Numbers & Operations Level 3   Module 7: Within 100<br>Unit 4: Measurement, Geometry & Data   Module 1: Time & Money<br>Unit 4: Measurement, Geometry & Data   Module 2: Length |
| MP.2.    | Reason abstractly and quantitatively.                 | Unit 2: Numbers & Operations Level 2   Module 4: Backward Counting<br>Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20  |
| MP.4.    | Model with mathematics.                               |   |

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|       |                                      | Unit 1: Numbers & Operations Level 1   Module 1: Counting<br>Unit 1: Numbers & Operations Level 1   Module 2: TouchPoints<br>Unit 1: Numbers & Operations Level 1   Module 4: Addition within 9<br>Unit 2: Numbers & Operations Level 2   Module 1: Place Value<br>Unit 2: Numbers & Operations Level 2   Module 2: Addition within 13<br>Unit 2: Numbers & Operations Level 2   Module 3: Addition within 20<br>Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20<br>Unit 2: Numbers & Operations Level 2   Module 6: Within 20<br>Unit 3: Numbers & Operations Level 3   Module 1: Place Value<br>Unit 3: Numbers & Operations Level 3   Module 2: Addition within 100<br>Unit 3: Numbers & Operations Level 3   Module 3: Mixed Addition<br>Unit 3: Numbers & Operations Level 3   Module 4: Addition Strategies<br>Unit 3: Numbers & Operations Level 3   Module 5: Subtraction within 100<br>Unit 3: Numbers & Operations Level 3   Module 6: Subtraction Strategies<br>Unit 3: Numbers & Operations Level 3   Module 7: Within 100<br>Unit 4: Measurement, Geometry & Data   Module 2: Length<br>Unit 4: Measurement, Geometry & Data   Module 3: Data<br>Unit 4: Measurement, Geometry & Data   Module 5: 3-D Shapes |
| MP.5. | Use appropriate tools strategically. | Unit 4: Measurement, Geometry & Data   Module 2: Length  |
| MP.7. | Look for and make use of structure.  | Unit 1: Numbers & Operations Level 1   Module 2: TouchPoints<br>Unit 2: Numbers & Operations Level 2   Module 1: Place Value<br>Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20<br>Unit 3: Numbers & Operations Level 3   Module 1: Place Value<br>Unit 3: Numbers & Operations Level 3   Module 2: Addition within 100<br>Unit 3: Numbers & Operations Level 3   Module 3: Mixed Addition<br>Unit 3: Numbers & Operations Level 3   Module 4: Addition Strategies<br>Unit 3: Numbers & Operations Level 3   Module 5: Subtraction within 100<br>Unit 3: Numbers & Operations Level 3   Module 6: Subtraction Strategies  |



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|                   |  | Unit 3: Numbers & Operations Level 3   Module 7: Within 100<br>Unit 4: Measurement, Geometry & Data   Module 1: Time & Money<br>Unit 4: Measurement, Geometry & Data   Module 2: Length<br>Unit 4: Measurement, Geometry & Data   Module 3: Data<br>Unit 4: Measurement, Geometry & Data   Module 4: 2-D Shapes<br>Unit 4: Measurement, Geometry & Data   Module 5: 3-D Shapes<br>Unit 4: Measurement, Geometry & Data   Module 6: Fractional Parts of Shapes   |
| <b>MT.CC.1.OA</b> | <b>Operations and Algebraic Thinking</b>   | <b>Operations and Algebraic Thinking</b>  |
| .                 | Represent and solve problems involving addition and subtraction.                                     | Unit 1: Numbers & Operations Level 1   Module 4: Addition within 9<br>Unit 1: Numbers & Operations Level 1   Module 5: Subtraction within 9<br>Unit 1: Numbers & Operations Level 1   Module 6: Within 9<br>Unit 2: Numbers & Operations Level 2   Module 3: Addition within 20<br>Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20<br>Unit 2: Numbers & Operations Level 2   Module 6: Within 20<br>Unit 3: Numbers & Operations Level 3   Module 2: Addition within 100<br>Unit 3: Numbers & Operations Level 3   Module 3: Mixed Addition<br>Unit 3: Numbers & Operations Level 3   Module 4: Addition Strategies<br>Unit 3: Numbers & Operations Level 3   Module 5: Subtraction within 100<br>Unit 3: Numbers & Operations Level 3   Module 6: Subtraction Strategies<br>Unit 3: Numbers & Operations Level 3   Module 7: Within 100 |
|                   | Understand and apply properties of operations and the relationship between addition and subtraction. | Unit 1: Numbers & Operations Level 1   Module 3: Within 5<br>Unit 1: Numbers & Operations Level 1   Module 4: Addition within 9<br>Unit 1: Numbers & Operations Level 1   Module 5: Subtraction within 9<br>Unit 1: Numbers & Operations Level 1   Module 6: Within 9   |

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|  |   | Unit 2: Numbers & Operations Level 2   Module 2: Addition within 13<br>Unit 2: Numbers & Operations Level 2   Module 3: Addition within 20<br>Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20<br>Unit 2: Numbers & Operations Level 2   Module 6: Within 20<br>Unit 3: Numbers & Operations Level 3   Module 2: Addition within 100<br>Unit 3: Numbers & Operations Level 3   Module 4: Addition Strategies<br>Unit 3: Numbers & Operations Level 3   Module 6: Subtraction Strategies<br>Unit 3: Numbers & Operations Level 3   Module 7: Within 100  |
|  | Add and subtract within 20.                   | Unit 1: Numbers & Operations Level 1   Module 3: Within 5<br>Unit 1: Numbers & Operations Level 1   Module 4: Addition within 9<br>Unit 1: Numbers & Operations Level 1   Module 5: Subtraction within 9<br>Unit 1: Numbers & Operations Level 1   Module 6: Within 9<br>Unit 2: Numbers & Operations Level 2   Module 2: Addition within 13<br>Unit 2: Numbers & Operations Level 2   Module 3: Addition within 20<br>Unit 2: Numbers & Operations Level 2   Module 4: Backward Counting<br>Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20<br>Unit 2: Numbers & Operations Level 2   Module 6: Within 20<br>Unit 3: Numbers & Operations Level 3   Module 2: Addition within 100<br>Unit 3: Numbers & Operations Level 3   Module 3: Mixed Addition<br>Unit 3: Numbers & Operations Level 3   Module 4: Addition Strategies<br>Unit 3: Numbers & Operations Level 3   Module 5: Subtraction within 100<br>Unit 3: Numbers & Operations Level 3   Module 6: Subtraction Strategies<br>Unit 3: Numbers & Operations Level 3   Module 7: Within 100 |
|  | Work with addition and subtraction equations. | Unit 1: Numbers & Operations Level 1   Module 2: TouchPoints<br>Unit 1: Numbers & Operations Level 1   Module 4: Addition within 9<br>Unit 1: Numbers & Operations Level 1   Module 5: Subtraction within 9<br>Unit 1: Numbers & Operations Level 1   Module 6: Within 9  |

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|                     |  | Unit 2: Numbers & Operations Level 2   Module 1: Place Value<br>Unit 2: Numbers & Operations Level 2   Module 2: Addition within 13<br>Unit 2: Numbers & Operations Level 2   Module 3: Addition within 20<br>Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20<br>Unit 2: Numbers & Operations Level 2   Module 6: Within 20<br>Unit 3: Numbers & Operations Level 3   Module 1: Place Value<br>Unit 3: Numbers & Operations Level 3   Module 2: Addition within 100<br>Unit 3: Numbers & Operations Level 3   Module 3: Mixed Addition<br>Unit 3: Numbers & Operations Level 3   Module 4: Addition Strategies<br>Unit 3: Numbers & Operations Level 3   Module 6: Subtraction Strategies<br>Unit 3: Numbers & Operations Level 3   Module 7: Within 100 |
| <b>MT.CC.1.NBT.</b> | <b>Number and Operations in Base Ten</b> | <b>Number and Operations in Base Ten</b>  |
|                     | Extend the counting sequence.            | Unit 1: Numbers & Operations Level 1   Module 1: Counting<br>Unit 1: Numbers & Operations Level 1   Module 2: TouchPoints<br>Unit 2: Numbers & Operations Level 2   Module 1: Place Value<br>Unit 2: Numbers & Operations Level 2   Module 4: Backward Counting<br>Unit 3: Numbers & Operations Level 3   Module 1: Place Value   |
|                     | Understand place value.                  | Unit 1: Numbers & Operations Level 1   Module 2: TouchPoints<br>Unit 2: Numbers & Operations Level 2   Module 1: Place Value<br>Unit 2: Numbers & Operations Level 2   Module 3: Addition within 20<br>Unit 2: Numbers & Operations Level 2   Module 4: Backward Counting<br>Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20<br>Unit 2: Numbers & Operations Level 2   Module 6: Within 20<br>Unit 3: Numbers & Operations Level 3   Module 1: Place Value<br>Unit 3: Numbers & Operations Level 3   Module 2: Addition within 100<br>Unit 3: Numbers & Operations Level 3   Module 3: Mixed Addition<br>Unit 3: Numbers & Operations Level 3   Module 4: Addition Strategies  |

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|                   |   | Unit 3: Numbers & Operations Level 3   Module 5: Subtraction within 100<br>Unit 3: Numbers & Operations Level 3   Module 6: Subtraction Strategies<br>Unit 3: Numbers & Operations Level 3   Module 7: Within 100  |
|                   | Use place value understanding and properties of operations to add and subtract. | Unit 1: Numbers & Operations Level 1   Module 3: Within 5<br>Unit 2: Numbers & Operations Level 2   Module 2: Addition within 13<br>Unit 2: Numbers & Operations Level 2   Module 3: Addition within 20<br>Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20<br>Unit 2: Numbers & Operations Level 2   Module 6: Within 20<br>Unit 3: Numbers & Operations Level 3   Module 2: Addition within 100<br>Unit 3: Numbers & Operations Level 3   Module 3: Mixed Addition<br>Unit 3: Numbers & Operations Level 3   Module 4: Addition Strategies<br>Unit 3: Numbers & Operations Level 3   Module 6: Subtraction Strategies<br>Unit 3: Numbers & Operations Level 3   Module 7: Within 100 |
| <b>MT.CC.1.MD</b> | <b>Measurement and Data</b>   | <b>Measurement and Data</b>  |
|                   | Measure lengths indirectly and by iterating length units.                       | Unit 4: Measurement, Geometry & Data   Module 2: Length  |
|                   | Tell and write time.  | Unit 4: Measurement, Geometry & Data   Module 1: Time & Money  |
|                   | Represent and interpret data.   | Unit 4: Measurement, Geometry & Data   Module 3: Data  |
| <b>MT.CC.1.G.</b> | <b>Geometry</b>   | <b>Geometry</b>  |

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|                          | Reason with shapes and their attributes.              | Unit 4: Measurement, Geometry & Data   Module 4: 2-D Shapes<br>Unit 4: Measurement, Geometry & Data   Module 5: 3-D Shapes<br>Unit 4: Measurement, Geometry & Data   Module 6: Fractional Parts of Shapes  |
| Grade: 2 - Adopted: 2011 |   |  |
| <b>STANDARD</b>          | <b>STANDARD NAME</b>                                  | <b>TOUCHMATH UNITS AND MODULES</b>   |
| MP.1.                    | Make sense of problems and persevere in solving them. | Unit 1: Addition & Subtraction Level 1   Module 2: Addition<br>Unit 1: Addition & Subtraction Level 1   Module 4: Subtraction<br>Unit 1: Addition & Subtraction Level 1   Module 1: Within 13<br>Unit 1: Addition & Subtraction Level 1   Module 2: Within 20<br>Unit 1: Addition & Subtraction Level 1   Module 3: Within 50<br>Unit 1: Addition & Subtraction Level 1   Module 4: Addition with Regrouping<br>Unit 1: Addition & Subtraction Level 1   Module 5: Subtraction with Regrouping<br>Unit 1: Addition & Subtraction Level 1   Module 6: Mixed Regrouping<br>Unit 2: Addition & Subtraction Level 2   Module 4: Addition within 100<br>Unit 2: Addition & Subtraction Level 2   Module 5: Subtraction within 100<br>Unit 2: Addition & Subtraction Level 2   Module 6: Within 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 1: Multiples of 10 & 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 2: Addition within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 4: Mixed Operations<br>Unit 3: Operations with Multi-Digit Numbers   Module 5: Multiplication 1<br>Unit 3: Operations with Multi-Digit Numbers   Module 6: Multiplication 2<br>Unit 4: Measurement, Geometry & Data   Module 1: Time<br>Unit 4: Measurement, Geometry & Data   Module 2: Money |

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|       |                                       | Unit 4: Measurement, Geometry & Data   Module 3: Data<br>Unit 4: Measurement, Geometry & Data   Module 4: Measurement<br>Unit 4: Measurement, Geometry & Data   Module 5: Operations with Length  |
| MP.2. | Reason abstractly and quantitatively. | Unit 1: Addition & Subtraction Level 1   Module 4: Addition with Regrouping<br>Unit 2: Addition & Subtraction Level 2   Module 6: Within 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 2: Addition within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 4: Mixed Operations<br>Unit 3: Operations with Multi-Digit Numbers   Module 5: Multiplication 1<br>Unit 4: Measurement, Geometry & Data   Module 6: Geometry  |
| MP.4. | Model with mathematics.               | Unit 1: Addition & Subtraction Level 1   Module 2: Addition<br>Unit 1: Addition & Subtraction Level 1   Module 3: Backward Counting<br>Unit 1: Addition & Subtraction Level 1   Module 4: Subtraction<br>Unit 1: Addition & Subtraction Level 1   Module 3: Within 50<br>Unit 1: Addition & Subtraction Level 1   Module 4: Addition with Regrouping<br>Unit 1: Addition & Subtraction Level 1   Module 5: Subtraction with Regrouping<br>Unit 1: Addition & Subtraction Level 1   Module 6: Mixed Regrouping<br>Unit 2: Addition & Subtraction Level 2   Module 1: Place Value<br>Unit 2: Addition & Subtraction Level 2   Module 2: Counting & Reading<br>Unit 2: Addition & Subtraction Level 2   Module 4: Addition within 100<br>Unit 2: Addition & Subtraction Level 2   Module 5: Subtraction within 100<br>Unit 2: Addition & Subtraction Level 2   Module 6: Within 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 2: Addition within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 4: Mixed Operations<br>Unit 4: Measurement, Geometry & Data   Module 3: Data<br>Unit 4: Measurement, Geometry & Data   Module 6: Geometry |
| MP.5. | Use appropriate tools strategically.  |   |

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|       |                                     | Unit 4: Measurement, Geometry & Data   Module 3: Data<br>Unit 4: Measurement, Geometry & Data   Module 4: Measurement<br>Unit 4: Measurement, Geometry & Data   Module 5: Operations with Length  |
| MP.6. | Attend to precision.                | Unit 4: Measurement, Geometry & Data   Module 4: Measurement<br>Unit 4: Measurement, Geometry & Data   Module 5: Operations with Length   |
| MP.7. | Look for and make use of structure. | Unit 1: Addition & Subtraction Level 1   Module 1: Forward Counting<br>Unit 1: Addition & Subtraction Level 1   Module 3: Backward Counting<br>Unit 1: Addition & Subtraction Level 1   Module 4: Subtraction<br>Unit 1: Addition & Subtraction Level 1   Module 1: Within 13<br>Unit 1: Addition & Subtraction Level 1   Module 2: Within 20<br>Unit 1: Addition & Subtraction Level 1   Module 3: Within 50<br>Unit 1: Addition & Subtraction Level 1   Module 4: Addition with Regrouping<br>Unit 1: Addition & Subtraction Level 1   Module 5: Subtraction with Regrouping<br>Unit 1: Addition & Subtraction Level 1   Module 6: Mixed Regrouping<br>Unit 2: Addition & Subtraction Level 2   Module 1: Place Value<br>Unit 2: Addition & Subtraction Level 2   Module 2: Counting & Reading<br>Unit 2: Addition & Subtraction Level 2   Module 3: Reading & Writing<br>Unit 2: Addition & Subtraction Level 2   Module 4: Addition within 100<br>Unit 2: Addition & Subtraction Level 2   Module 5: Subtraction within 100<br>Unit 2: Addition & Subtraction Level 2   Module 6: Within 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 6: Multiplication 2<br>Unit 4: Measurement, Geometry & Data   Module 1: Time<br>Unit 4: Measurement, Geometry & Data   Module 2: Money<br>Unit 4: Measurement, Geometry & Data   Module 4: Measurement<br>Unit 4: Measurement, Geometry & Data   Module 5: Operations with Length<br>Unit 4: Measurement, Geometry & Data   Module 6: Geometry |

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| MP.8.             | Look for and express regularity in repeated reasoning.           | Unit 3: Operations with Multi-Digit Numbers   Module 1: Multiples of 10 & 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 2: Addition within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 5: Multiplication 1<br>Unit 3: Operations with Multi-Digit Numbers   Module 6: Multiplication 2  |
| <b>MT.CC.2.OA</b> | <b>Operations and Algebraic Thinking</b>                         | <b>Operations and Algebraic Thinking</b>  |
|                   | Represent and solve problems involving addition and subtraction. | Unit 1: Addition & Subtraction Level 1   Module 2: Addition<br>Unit 1: Addition & Subtraction Level 1   Module 4: Subtraction<br>Unit 1: Addition & Subtraction Level 1   Module 1: Within 13<br>Unit 1: Addition & Subtraction Level 1   Module 2: Within 20<br>Unit 1: Addition & Subtraction Level 1   Module 3: Within 50<br>Unit 1: Addition & Subtraction Level 1   Module 4: Addition with Regrouping<br>Unit 1: Addition & Subtraction Level 1   Module 5: Subtraction with Regrouping<br>Unit 1: Addition & Subtraction Level 1   Module 6: Mixed Regrouping<br>Unit 2: Addition & Subtraction Level 2   Module 4: Addition within 100<br>Unit 2: Addition & Subtraction Level 2   Module 5: Subtraction within 100<br>Unit 2: Addition & Subtraction Level 2   Module 6: Within 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 1: Multiples of 10 & 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 2: Addition within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 4: Mixed Operations |
|                   | Add and subtract within 20.                                      | Unit 1: Addition & Subtraction Level 1   Module 2: Addition<br>Unit 1: Addition & Subtraction Level 1   Module 4: Subtraction   |



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|                     |   | Unit 1: Addition & Subtraction Level 1   Module 1: Within 13<br>Unit 1: Addition & Subtraction Level 1   Module 2: Within 20<br>Unit 1: Addition & Subtraction Level 1   Module 3: Within 50<br>Unit 1: Addition & Subtraction Level 1   Module 4: Addition with Regrouping<br>Unit 1: Addition & Subtraction Level 1   Module 5: Subtraction with Regrouping<br>Unit 1: Addition & Subtraction Level 1   Module 6: Mixed Regrouping<br>Unit 2: Addition & Subtraction Level 2   Module 4: Addition within 100<br>Unit 2: Addition & Subtraction Level 2   Module 5: Subtraction within 100<br>Unit 2: Addition & Subtraction Level 2   Module 6: Within 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 2: Addition within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 4: Mixed Operations |
|                     | Work with equal groups of objects to gain foundations for multiplication. | Unit 3: Operations with Multi-Digit Numbers   Module 5: Multiplication 1<br>Unit 3: Operations with Multi-Digit Numbers   Module 6: Multiplication 2<br>Unit 4: Measurement, Geometry & Data   Module 6: Geometry   |
| <b>MT.CC.2.NBT.</b> | <b>Number and Operations in Base Ten</b>                                  | <b>Number and Operations in Base Ten</b>  |
|                     | Understand place value.   | Unit 1: Addition & Subtraction Level 1   Module 1: Forward Counting<br>Unit 1: Addition & Subtraction Level 1   Module 2: Addition<br>Unit 1: Addition & Subtraction Level 1   Module 3: Backward Counting<br>Unit 1: Addition & Subtraction Level 1   Module 4: Subtraction<br>Unit 2: Addition & Subtraction Level 2   Module 1: Place Value<br>Unit 2: Addition & Subtraction Level 2   Module 2: Counting & Reading<br>Unit 2: Addition & Subtraction Level 2   Module 3: Reading & Writing<br>Unit 2: Addition & Subtraction Level 2   Module 6: Within 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 1: Multiples of 10 & 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 2: Addition within 1,000  |

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|                   |   | Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 4: Mixed Operations<br>Unit 3: Operations with Multi-Digit Numbers   Module 6: Multiplication 2<br>Unit 4: Measurement, Geometry & Data   Module 1: Time<br>Unit 4: Measurement, Geometry & Data   Module 2: Money   |
|                   | Use place value understanding and properties of operations to add and subtract. | Unit 1: Addition & Subtraction Level 1   Module 2: Addition<br>Unit 1: Addition & Subtraction Level 1   Module 4: Subtraction<br>Unit 1: Addition & Subtraction Level 1   Module 2: Within 20<br>Unit 1: Addition & Subtraction Level 1   Module 3: Within 50<br>Unit 1: Addition & Subtraction Level 1   Module 4: Addition with Regrouping<br>Unit 1: Addition & Subtraction Level 1   Module 5: Subtraction with Regrouping<br>Unit 1: Addition & Subtraction Level 1   Module 6: Mixed Regrouping<br>Unit 2: Addition & Subtraction Level 2   Module 1: Place Value<br>Unit 2: Addition & Subtraction Level 2   Module 4: Addition within 100<br>Unit 2: Addition & Subtraction Level 2   Module 5: Subtraction within 100<br>Unit 2: Addition & Subtraction Level 2   Module 6: Within 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 1: Multiples of 10 & 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 2: Addition within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within 1,000<br>Unit 3: Operations with Multi-Digit Numbers   Module 4: Mixed Operations |
| <b>MT.CC.2.MD</b> | <b>Measurement and Data</b>   | <b>Measurement and Data</b>   |
|                   | Measure and estimate lengths in standard units.                                 | Unit 4: Measurement, Geometry & Data   Module 3: Data<br>Unit 4: Measurement, Geometry & Data   Module 4: Measurement<br>Unit 4: Measurement, Geometry & Data   Module 5: Operations with Length  |

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|                                 | Relate addition and subtraction to length.            | Unit 2: Addition & Subtraction Level 2   Module 1: Place Value<br>Unit 4: Measurement, Geometry & Data   Module 5: Operations with Length  |
|                                 | Work with time and money.                             | Unit 4: Measurement, Geometry & Data   Module 1: Time<br>Unit 4: Measurement, Geometry & Data   Module 2: Money  |
|                                 | Represent and interpret data.                         | Unit 4: Measurement, Geometry & Data   Module 3: Data<br>Unit 4: Measurement, Geometry & Data   Module 4: Measurement<br>Unit 4: Measurement, Geometry & Data   Module 5: Operations with Length |
| <b>MT.CC.2.G.</b>               | <b>Geometry</b>                                       | <b>Geometry</b>  |
|                                 | Reason with shapes and their attributes.              | Unit 3: Operations with Multi-Digit Numbers   Module 6: Multiplication 2<br>Unit 4: Measurement, Geometry & Data   Module 6: Geometry  |
| <b>Grade: 3 - Adopted: 2011</b> |   |  |
| <b>STANDARD</b>                 | <b>STANDARD NAME</b>                                  | <b>TOUCHMATH UNITS AND MODULES</b>   |
| MP.1.                           | Make sense of problems and persevere in solving them. | Unit 1: Addition & Subtraction Level 1   Module 2: Addition<br>Unit 1: Addition & Subtraction Level 1   Module 4: Subtraction  |

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|       |                                       | <p>Unit 1: Addition &amp; Subtraction Level 1   Module 5: Fact Families</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 6: Place Value</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 7: Strategies</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 8: Mixed Addition &amp; Subtraction</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 1: Counting to 1,000</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 2: Within 20</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 4: Within 100</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 5: Strategies</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 6: Three-Digit Numbers</p> <p>Unit 3: Skip Counting   Module 1: Skip Counting by 2</p> <p>Unit 3: Skip Counting   Module 2: Skip Counting by 3</p> <p>Unit 3: Skip Counting   Module 3: Skip Counting by 4</p> <p>Unit 3: Skip Counting   Module 4: Skip Counting by 5</p> <p>Unit 3: Skip Counting   Module 5: Skip Counting by 6</p> <p>Unit 3: Skip Counting   Module 6: Skip Counting by 7</p> <p>Unit 3: Skip Counting   Module 7: Skip Counting by 8</p> <p>Unit 3: Skip Counting   Module 8: Skip Counting by 9</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 1: Skip Counting Review</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 2: Multiplication</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 1: Multiplication by One Digit</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 2: Division by One Digit</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits</p> |
| MP.2. | Reason abstractly and quantitatively. | <p>Unit 2: Addition &amp; Subtraction Level 2   Module 1: Counting to 1,000</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 2: Within 20</p>  |

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|       |                         | Unit 2: Addition & Subtraction Level 2   Module 3: Place Value<br>Unit 3: Skip Counting   Module 1: Skip Counting by 2<br>Unit 3: Skip Counting   Module 2: Skip Counting by 3<br>Unit 3: Skip Counting   Module 3: Skip Counting by 4<br>Unit 3: Skip Counting   Module 4: Skip Counting by 5<br>Unit 3: Skip Counting   Module 5: Skip Counting by 6<br>Unit 3: Skip Counting   Module 6: Skip Counting by 7<br>Unit 3: Skip Counting   Module 7: Skip Counting by 8<br>Unit 3: Skip Counting   Module 8: Skip Counting by 9<br>Unit 4: Multiplication & Division Level 1   Module 1: Skip Counting Review<br>Unit 5: Multiplication & Division Level 2   Module 2: Division by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits  |
| MP.4. | Model with mathematics. | Unit 1: Addition & Subtraction Level 1   Module 2: Addition<br>Unit 1: Addition & Subtraction Level 1   Module 3: Backward Counting<br>Unit 1: Addition & Subtraction Level 1   Module 4: Subtraction<br>Unit 1: Addition & Subtraction Level 1   Module 6: Place Value<br>Unit 1: Addition & Subtraction Level 1   Module 7: Strategies<br>Unit 1: Addition & Subtraction Level 1   Module 8: Mixed Addition & Subtraction<br>Unit 2: Addition & Subtraction Level 2   Module 4: Within 100<br>Unit 2: Addition & Subtraction Level 2   Module 5: Strategies<br>Unit 2: Addition & Subtraction Level 2   Module 6: Three-Digit Numbers<br>Unit 3: Skip Counting   Module 1: Skip Counting by 2<br>Unit 3: Skip Counting   Module 2: Skip Counting by 3<br>Unit 3: Skip Counting   Module 3: Skip Counting by 4<br>Unit 3: Skip Counting   Module 4: Skip Counting by 5<br>Unit 3: Skip Counting   Module 5: Skip Counting by 6<br>Unit 3: Skip Counting   Module 6: Skip Counting by 7<br>Unit 3: Skip Counting   Module 7: Skip Counting by 8 |

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|       |                                     | <p>Unit 3: Skip Counting   Module 8: Skip Counting by 9</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 2: Multiplication</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 1: Multiplication by One Digit</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 2: Division by One Digit</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit</p> <p>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 1: Understanding Fractions</p> <p>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 2: Application of Concepts</p>  |
| MP.7. | Look for and make use of structure. | <p>Unit 1: Addition &amp; Subtraction Level 1   Module 1: Forward Counting</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 3: Backward Counting</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 4: Subtraction</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 5: Fact Families</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 6: Place Value</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 7: Strategies</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 8: Mixed Addition &amp; Subtraction</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 1: Counting to 1,000</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 3: Place Value</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 4: Within 100</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 5: Strategies</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 6: Three-Digit Numbers</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 2: Multiplication</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits</p> |

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|                   |   | Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding Fractions<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 2: Application of Concepts<br>Unit 9: Measurement, Geometry & Data   Module 1: 2-D Shapes   |
| MP.8.             | Look for and express regularity in repeated reasoning.              | Unit 3: Skip Counting   Module 1: Skip Counting by 2<br>Unit 3: Skip Counting   Module 2: Skip Counting by 3<br>Unit 3: Skip Counting   Module 3: Skip Counting by 4<br>Unit 3: Skip Counting   Module 4: Skip Counting by 5<br>Unit 3: Skip Counting   Module 5: Skip Counting by 6<br>Unit 3: Skip Counting   Module 6: Skip Counting by 7<br>Unit 3: Skip Counting   Module 7: Skip Counting by 8<br>Unit 3: Skip Counting   Module 8: Skip Counting by 9<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits |
| <b>MT.CC.3.OA</b> | <b>Operations and Algebraic Thinking</b>                            | <b>Operations and Algebraic Thinking</b>  |
|                   | Represent and solve problems involving multiplication and division. | Unit 4: Multiplication & Division Level 1   Module 2: Multiplication<br>Unit 5: Multiplication & Division Level 2   Module 1: Multiplication by One Digit<br>Unit 5: Multiplication & Division Level 2   Module 2: Division by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations<br><br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits  |

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|  |   | Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits  |
|  | Understand properties of multiplication and the relationship between multiplication and division. | <p>Unit 1: Addition &amp; Subtraction Level 1   Module 5: Fact Families<br/> Unit 1: Addition &amp; Subtraction Level 1   Module 7: Strategies<br/> Unit 1: Addition &amp; Subtraction Level 1   Module 8: Mixed Addition &amp; Subtraction<br/> Unit 2: Addition &amp; Subtraction Level 2   Module 2: Within 20<br/> Unit 2: Addition &amp; Subtraction Level 2   Module 5: Strategies<br/> Unit 4: Multiplication &amp; Division Level 1   Module 2: Multiplication<br/> Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit<br/> Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits</p> |
|  | Multiply and divide within 100.   | <p>Unit 4: Multiplication &amp; Division Level 1   Module 2: Multiplication<br/> Unit 5: Multiplication &amp; Division Level 2   Module 1: Multiplication by One Digit<br/> Unit 5: Multiplication &amp; Division Level 2   Module 2: Division by One Digit<br/> Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit<br/> Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits<br/> Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits</p>   |



Solve problems involving the four operations, and identify and explain patterns in arithmetic.

Unit 1: Addition & Subtraction Level 1 | Module 2: Addition  
Unit 1: Addition & Subtraction Level 1 | Module 4: Subtraction  
Unit 1: Addition & Subtraction Level 1 | Module 5: Fact Families  
Unit 1: Addition & Subtraction Level 1 | Module 6: Place Value  
Unit 1: Addition & Subtraction Level 1 | Module 7: Strategies  
Unit 1: Addition & Subtraction Level 1 | Module 8: Mixed Addition & Subtraction  
Unit 2: Addition & Subtraction Level 2 | Module 2: Within 20  
Unit 2: Addition & Subtraction Level 2 | Module 4: Within 100  
Unit 2: Addition & Subtraction Level 2 | Module 5: Strategies  
Unit 2: Addition & Subtraction Level 2 | Module 6: Three-Digit Numbers  
Unit 3: Skip Counting | Module 1: Skip Counting by 2  
Unit 3: Skip Counting | Module 2: Skip Counting by 3  
Unit 3: Skip Counting | Module 3: Skip Counting by 4  
Unit 3: Skip Counting | Module 4: Skip Counting by 5  
Unit 3: Skip Counting | Module 5: Skip Counting by 6  
Unit 3: Skip Counting | Module 6: Skip Counting by 7  
Unit 3: Skip Counting | Module 7: Skip Counting by 8  
Unit 3: Skip Counting | Module 8: Skip Counting by 9  
Unit 4: Multiplication & Division Level 1 | Module 1: Skip Counting Review  
Unit 4: Multiplication & Division Level 1 | Module 2: Multiplication  
Unit 5: Multiplication & Division Level 2 | Module 1: Multiplication by One Digit  
Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit  
Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations  
  
Unit 6: Mixed Operations with Whole Numbers | Module 2: Two–Four Digits by One Digit  
Unit 6: Mixed Operations with Whole Numbers | Module 3: Two–Four Digits by Two Digits

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|                     |   | Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits  |
| <b>MT.CC.3.NBT.</b> | <b>Number and Operations in Base Ten</b>  | <b>Number and Operations in Base Ten</b>   |
|                     | Use place value understanding and properties of operations to perform multi-digit arithmetic. | <p>Unit 1: Addition &amp; Subtraction Level 1   Module 2: Addition</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 7: Strategies</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 8: Mixed Addition &amp; Subtraction</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 2: Within 20</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 3: Place Value</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 4: Within 100</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 5: Strategies</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 6: Three-Digit Numbers</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits</p> |
| <b>MT.CC.3.NF.</b>  | <b>Number and Operations—Fractions</b>  | <b>Number and Operations—Fractions</b>   |
|                     | Develop understanding of fractions as numbers.  | <p>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 1: Understanding Fractions</p> <p>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 2: Application of Concepts</p>  |
| <b>MT.CC.3.MD.</b>  | <b>Measurement and Data</b>   | <b>Measurement and Data</b>  |
|                     | Represent and interpret data.   | <p>Unit 3: Skip Counting   Module 1: Skip Counting by 2</p>  |

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|                   |   | Unit 3: Skip Counting   Module 2: Skip Counting by 3<br>Unit 3: Skip Counting   Module 3: Skip Counting by 4<br>Unit 3: Skip Counting   Module 4: Skip Counting by 5<br>Unit 3: Skip Counting   Module 5: Skip Counting by 6<br>Unit 3: Skip Counting   Module 6: Skip Counting by 7<br>Unit 3: Skip Counting   Module 7: Skip Counting by 8<br>Unit 3: Skip Counting   Module 8: Skip Counting by 9  |
|                   | Geometric measurement: understand concepts of area and relate area to multiplication and to addition. | Unit 3: Skip Counting   Module 1: Skip Counting by 2<br>Unit 3: Skip Counting   Module 2: Skip Counting by 3<br>Unit 3: Skip Counting   Module 3: Skip Counting by 4<br>Unit 3: Skip Counting   Module 4: Skip Counting by 5<br>Unit 3: Skip Counting   Module 5: Skip Counting by 6<br>Unit 3: Skip Counting   Module 6: Skip Counting by 7<br>Unit 3: Skip Counting   Module 7: Skip Counting by 8<br>Unit 3: Skip Counting   Module 8: Skip Counting by 9<br>Unit 4: Multiplication & Division Level 1   Module 2: Multiplication<br>Unit 5: Multiplication & Division Level 2   Module 2: Division by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations<br><br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits |
| <b>MT.CC.3.G.</b> | <b>Geometry</b>   | <b>Geometry</b>   |
|                   | Reason with shapes and their attributes.  |   |

Unit 7: Fractions, Decimals & Percents Level 1 | Module 1: Understanding Fractions  
 Unit 7: Fractions, Decimals & Percents Level 1 | Module 2: Application of Concepts  
 Unit 9: Measurement, Geometry & Data | Module 1: 2-D Shapes

**Grade: 4 - Adopted: 2011**

| STANDARD | STANDARD NAME   | TOUCHMATH UNITS AND MODULES  |
|----------|---|--|
| MP.1.    | Make sense of problems and persevere in solving them. | <p>Unit 1: Addition &amp; Subtraction Level 1   Module 5: Fact Families<br/>           Unit 1: Addition &amp; Subtraction Level 1   Module 6: Place Value<br/>           Unit 1: Addition &amp; Subtraction Level 1   Module 7: Strategies<br/>           Unit 1: Addition &amp; Subtraction Level 1   Module 8: Mixed Addition &amp; Subtraction<br/>           Unit 2: Addition &amp; Subtraction Level 2   Module 1: Counting to 1,000<br/>           Unit 2: Addition &amp; Subtraction Level 2   Module 2: Within 20<br/>           Unit 2: Addition &amp; Subtraction Level 2   Module 4: Within 100<br/>           Unit 2: Addition &amp; Subtraction Level 2   Module 5: Strategies<br/>           Unit 2: Addition &amp; Subtraction Level 2   Module 6: Three-Digit Numbers<br/>           Unit 3: Skip Counting   Module 1: Skip Counting by 2<br/>           Unit 3: Skip Counting   Module 2: Skip Counting by 3<br/>           Unit 3: Skip Counting   Module 3: Skip Counting by 4<br/>           Unit 3: Skip Counting   Module 4: Skip Counting by 5<br/>           Unit 3: Skip Counting   Module 5: Skip Counting by 6<br/>           Unit 3: Skip Counting   Module 6: Skip Counting by 7<br/>           Unit 3: Skip Counting   Module 7: Skip Counting by 8<br/>           Unit 3: Skip Counting   Module 8: Skip Counting by 9<br/>           Unit 4: Multiplication &amp; Division Level 1   Module 1: Skip Counting Review<br/>           Unit 4: Multiplication &amp; Division Level 1   Module 2: Multiplication<br/>           Unit 4: Multiplication &amp; Division Level 1   Module 3: Division<br/>           Unit 4: Multiplication &amp; Division Level 1   Module 4: Strategies<br/>           Unit 4: Multiplication &amp; Division Level 1   Module 5: Multiples &amp; Factors</p> |

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|       |                                       | <p>Unit 4: Multiplication &amp; Division Level 1   Module 6: Mixed Multiplication &amp; Division</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 1: Multiplication by One Digit</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 2: Division by One Digit</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 3: Multiplication Using the Algorithm</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 4: Division Using the Algorithm</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 5: Multiplication by Two Digits</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 6: Division by Two Digits</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 7: Mixed Practice</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 5: Four Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice with Operations</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 1: Addition &amp; Subtraction of Fractions</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 2: Multiplication &amp; Division of Fractions</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 7: Application</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 8: Mixed Review</p> <p>Unit 10: Algebra   Module 1: Operations &amp; Equations</p> |
| MP.2. | Reason abstractly and quantitatively. | <p>Unit 2: Addition &amp; Subtraction Level 2   Module 1: Counting to 1,000</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 2: Within 20</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 3: Place Value</p> <p>Unit 3: Skip Counting   Module 1: Skip Counting by 2</p> <p>Unit 3: Skip Counting   Module 2: Skip Counting by 3</p>   |

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|       |                         | Unit 3: Skip Counting   Module 3: Skip Counting by 4<br>Unit 3: Skip Counting   Module 4: Skip Counting by 5<br>Unit 3: Skip Counting   Module 5: Skip Counting by 6<br>Unit 3: Skip Counting   Module 6: Skip Counting by 7<br>Unit 3: Skip Counting   Module 7: Skip Counting by 8<br>Unit 3: Skip Counting   Module 8: Skip Counting by 9<br>Unit 4: Multiplication & Division Level 1   Module 1: Skip Counting Review<br>Unit 4: Multiplication & Division Level 1   Module 5: Multiples & Factors<br>Unit 4: Multiplication & Division Level 1   Module 6: Mixed Multiplication & Division<br>Unit 5: Multiplication & Division Level 2   Module 2: Division by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits<br>Unit 9: Measurement, Geometry & Data   Module 2: Lines & Angles  |
| MP.4. | Model with mathematics. | Unit 1: Addition & Subtraction Level 1   Module 6: Place Value<br>Unit 1: Addition & Subtraction Level 1   Module 7: Strategies<br>Unit 1: Addition & Subtraction Level 1   Module 8: Mixed Addition & Subtraction<br>Unit 2: Addition & Subtraction Level 2   Module 4: Within 100<br>Unit 2: Addition & Subtraction Level 2   Module 5: Strategies<br>Unit 2: Addition & Subtraction Level 2   Module 6: Three-Digit Numbers<br>Unit 3: Skip Counting   Module 1: Skip Counting by 2<br>Unit 3: Skip Counting   Module 2: Skip Counting by 3<br>Unit 3: Skip Counting   Module 3: Skip Counting by 4<br>Unit 3: Skip Counting   Module 4: Skip Counting by 5<br>Unit 3: Skip Counting   Module 5: Skip Counting by 6<br>Unit 3: Skip Counting   Module 6: Skip Counting by 7<br>Unit 3: Skip Counting   Module 7: Skip Counting by 8<br>Unit 3: Skip Counting   Module 8: Skip Counting by 9<br>Unit 4: Multiplication & Division Level 1   Module 2: Multiplication<br>Unit 4: Multiplication & Division Level 1   Module 3: Division |

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|       |                                      | <p>Unit 4: Multiplication &amp; Division Level 1   Module 6: Mixed Multiplication &amp; Division</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 1: Multiplication by One Digit</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 2: Division by One Digit</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 5: Multiplication by Two Digits</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 6: Division by Two Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit</p> <p>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 1: Understanding Fractions</p> <p>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 2: Application of Concepts</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 1: Addition &amp; Subtraction of Fractions</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 2: Multiplication &amp; Division of Fractions</p> |
| MP.5. | Use appropriate tools strategically. | <p>Unit 5: Multiplication &amp; Division Level 2   Module 6: Division by Two Digits</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 7: Mixed Practice</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice with Operations</p> <p>Unit 9: Measurement, Geometry &amp; Data   Module 2: Lines &amp; Angles</p>   |
| MP.7. | Look for and make use of structure.  | <p>Unit 10: Algebra   Module 1: Operations &amp; Equations</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 5: Fact Families</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 6: Place Value</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 7: Strategies</p> <p>Unit 1: Addition &amp; Subtraction Level 1   Module 8: Mixed Addition &amp; Subtraction</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 1: Counting to 1,000</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 3: Place Value</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 4: Within 100</p>  |

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|       |  | <p>Unit 2: Addition &amp; Subtraction Level 2   Module 5: Strategies</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 6: Three-Digit Numbers</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 2: Multiplication</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 3: Division</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 4: Strategies</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 3: Multiplication Using the Algorithm</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 4: Division Using the Algorithm</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 5: Multiplication by Two Digits</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 6: Division by Two Digits</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 7: Mixed Practice</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations</p><br><p>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 5: Four Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice with Operations</p> <p>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 1: Understanding Fractions</p> <p>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 2: Application of Concepts</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 1: Addition &amp; Subtraction of Fractions</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 2: Multiplication &amp; Division of Fractions</p> <p>Unit 9: Measurement, Geometry &amp; Data   Module 1: 2-D Shapes</p> <p>Unit 9: Measurement, Geometry &amp; Data   Module 2: Lines &amp; Angles</p> |
| MP.8. | Look for and express regularity in repeated reasoning. | <p>Unit 3: Skip Counting   Module 1: Skip Counting by 2</p> <p>Unit 3: Skip Counting   Module 2: Skip Counting by 3</p>  |



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|                   |   | Unit 3: Skip Counting   Module 3: Skip Counting by 4<br>Unit 3: Skip Counting   Module 4: Skip Counting by 5<br>Unit 3: Skip Counting   Module 5: Skip Counting by 6<br>Unit 3: Skip Counting   Module 6: Skip Counting by 7<br>Unit 3: Skip Counting   Module 7: Skip Counting by 8<br>Unit 3: Skip Counting   Module 8: Skip Counting by 9<br>Unit 5: Multiplication & Division Level 2   Module 3: Multiplication Using the Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 4: Division Using the Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 5: Multiplication by Two Digits<br>Unit 5: Multiplication & Division Level 2   Module 6: Division by Two Digits<br>Unit 5: Multiplication & Division Level 2   Module 7: Mixed Practice<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 5: Four Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice with Operations<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 1: Addition & Subtraction of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 2: Multiplication & Division of Fractions |
| <b>MT.CC.4.OA</b> | <b>Operations and Algebraic Thinking</b>                      | <b>Operations and Algebraic Thinking</b>  |
|                   | Use the four operations with whole numbers to solve problems. | Unit 1: Addition & Subtraction Level 1   Module 5: Fact Families<br>Unit 1: Addition & Subtraction Level 1   Module 6: Place Value<br>Unit 1: Addition & Subtraction Level 1   Module 7: Strategies<br>Unit 1: Addition & Subtraction Level 1   Module 8: Mixed Addition & Subtraction<br>Unit 2: Addition & Subtraction Level 2   Module 2: Within 20<br>Unit 2: Addition & Subtraction Level 2   Module 4: Within 100   |

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|  |  | <p>Unit 2: Addition &amp; Subtraction Level 2   Module 5: Strategies</p> <p>Unit 2: Addition &amp; Subtraction Level 2   Module 6: Three-Digit Numbers</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 2: Multiplication</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 3: Division</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 4: Strategies</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 6: Mixed Multiplication &amp; Division</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 1: Multiplication by One Digit</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 2: Division by One Digit</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 3: Multiplication Using the Algorithm</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 4: Division Using the Algorithm</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 5: Multiplication by Two Digits</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 6: Division by Two Digits</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 7: Mixed Practice</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations</p><br><p>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 5: Four Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice with Operations</p> |
|  | Gain familiarity with factors and multiples. | <p>Unit 3: Skip Counting   Module 8: Skip Counting by 9</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 5: Multiples &amp; Factors</p>   |
|  | Generate and analyze patterns.               | <p>Unit 3: Skip Counting   Module 1: Skip Counting by 2</p> <p>Unit 3: Skip Counting   Module 2: Skip Counting by 3</p>  |

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|                     |   | Unit 3: Skip Counting   Module 3: Skip Counting by 4<br>Unit 3: Skip Counting   Module 4: Skip Counting by 5<br>Unit 3: Skip Counting   Module 5: Skip Counting by 6<br>Unit 3: Skip Counting   Module 6: Skip Counting by 7<br>Unit 3: Skip Counting   Module 7: Skip Counting by 8<br>Unit 3: Skip Counting   Module 8: Skip Counting by 9<br>Unit 4: Multiplication & Division Level 1   Module 1: Skip Counting Review<br>Unit 4: Multiplication & Division Level 1   Module 5: Multiples & Factors   |
| <b>MT.CC.4.NBT.</b> | <b>Number and Operations in Base Ten</b>                            | <b>Number and Operations in Base Ten</b>  |
|                     | Generalize place value understanding for multi-digit whole numbers. | Unit 1: Addition & Subtraction Level 1   Module 5: Fact Families<br>Unit 1: Addition & Subtraction Level 1   Module 6: Place Value<br>Unit 1: Addition & Subtraction Level 1   Module 7: Strategies<br>Unit 1: Addition & Subtraction Level 1   Module 8: Mixed Addition & Subtraction<br>Unit 2: Addition & Subtraction Level 2   Module 1: Counting to 1,000<br>Unit 2: Addition & Subtraction Level 2   Module 3: Place Value<br>Unit 2: Addition & Subtraction Level 2   Module 4: Within 100<br>Unit 2: Addition & Subtraction Level 2   Module 5: Strategies<br>Unit 2: Addition & Subtraction Level 2   Module 6: Three-Digit Numbers<br>Unit 5: Multiplication & Division Level 2   Module 3: Multiplication Using the Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 7: Mixed Practice<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 5: Four Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice with Operations |

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Unit 1: Addition & Subtraction Level 1 | Module 7: Strategies  
Unit 1: Addition & Subtraction Level 1 | Module 8: Mixed Addition & Subtraction  
Unit 2: Addition & Subtraction Level 2 | Module 2: Within 20  
Unit 2: Addition & Subtraction Level 2 | Module 4: Within 100  
Unit 2: Addition & Subtraction Level 2 | Module 5: Strategies  
Unit 2: Addition & Subtraction Level 2 | Module 6: Three-Digit Numbers  
Unit 3: Skip Counting | Module 1: Skip Counting by 2  
Unit 3: Skip Counting | Module 2: Skip Counting by 3  
Unit 3: Skip Counting | Module 3: Skip Counting by 4  
Unit 3: Skip Counting | Module 4: Skip Counting by 5  
Unit 3: Skip Counting | Module 5: Skip Counting by 6  
Unit 3: Skip Counting | Module 6: Skip Counting by 7  
Unit 3: Skip Counting | Module 7: Skip Counting by 8  
Unit 3: Skip Counting | Module 8: Skip Counting by 9  
Unit 4: Multiplication & Division Level 1 | Module 2: Multiplication  
Unit 4: Multiplication & Division Level 1 | Module 6: Mixed Multiplication & Division  
Unit 5: Multiplication & Division Level 2 | Module 1: Multiplication by One Digit  
Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit  
Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm  
Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm  
Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits  
Unit 5: Multiplication & Division Level 2 | Module 7: Mixed Practice  
Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations  
  
Unit 6: Mixed Operations with Whole Numbers | Module 2: Two–Four Digits by One Digit  
Unit 6: Mixed Operations with Whole Numbers | Module 3: Two–Four Digits by Two Digits

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|                    |   | Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 5: Four Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice with Operations   |
| <b>MT.CC.4.NF.</b> | <b>Number and Operations—Fractions</b>  | <b>Number and Operations—Fractions</b>   |
|                    | Extend understanding of fraction equivalence and ordering.  | Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding Fractions<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 2: Application of Concepts<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 1: Addition & Subtraction of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 8: Mixed Review  |
|                    | Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers. | Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding Fractions<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 2: Application of Concepts<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 1: Addition & Subtraction of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 2: Multiplication & Division of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 8: Mixed Review |
|                    | Understand decimal notation for fractions, and compare decimal fractions.   |  |

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|                          |   | Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 8: Mixed Review  |
| <b>MT.CC.4.MD</b>        | <b>Measurement and Data</b>   | <b>Measurement and Data</b>  |
|                          | Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. |  |
|                          |   | Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application   |
|                          | Geometric measurement: understand concepts of angle and measure angles.                                   |  |
|                          |   | Unit 9: Measurement, Geometry & Data   Module 1: 2-D Shapes<br>Unit 9: Measurement, Geometry & Data   Module 2: Lines & Angles   |
| <b>MT.CC.4.G.</b>        | <b>Geometry</b>   | <b>Geometry</b>  |
|                          | Draw and identify lines and angles, and classify shapes by properties of their lines and angles.          |  |
|                          |   | Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding Fractions<br>Unit 9: Measurement, Geometry & Data   Module 1: 2-D Shapes<br>Unit 9: Measurement, Geometry & Data   Module 2: Lines & Angles |
| Grade: 5 - Adopted: 2011 |   |  |
| <b>STANDARD</b>          | <b>STANDARD NAME</b>  | <b>TOUCHMATH UNITS AND MODULES</b>   |
| MP.1.                    | Make sense of problems and persevere in solving them.   |  |

Unit 4: Multiplication & Division Level 1 | Module 1: Skip Counting Review  
Unit 4: Multiplication & Division Level 1 | Module 2: Multiplication  
Unit 4: Multiplication & Division Level 1 | Module 3: Division  
Unit 4: Multiplication & Division Level 1 | Module 4: Strategies  
Unit 4: Multiplication & Division Level 1 | Module 5: Multiples & Factors  
Unit 4: Multiplication & Division Level 1 | Module 6: Mixed Multiplication & Division  
Unit 5: Multiplication & Division Level 2 | Module 1: Multiplication by One Digit  
Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit  
Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm  
Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm  
Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits  
Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits  
Unit 5: Multiplication & Division Level 2 | Module 7: Mixed Practice  
Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations  
  
Unit 6: Mixed Operations with Whole Numbers | Module 2: Two–Four Digits by One Digit  
Unit 6: Mixed Operations with Whole Numbers | Module 3: Two–Four Digits by Two Digits  
Unit 6: Mixed Operations with Whole Numbers | Module 4: Three–Four Digits by Three Digits  
Unit 6: Mixed Operations with Whole Numbers | Module 5: Four Digits  
Unit 6: Mixed Operations with Whole Numbers | Module 6: Mixed Practice with Operations  
Unit 7: Fractions, Decimals & Percents Level 1 | Module 8: Relationships of Fractions, Decimals & Percents  
Unit 8: Fractions, Decimals & Percents Level 2 | Module 1: Addition & Subtraction of Fractions  
Unit 8: Fractions, Decimals & Percents Level 2 | Module 2: Multiplication & Division of Fractions  
Unit 8: Fractions, Decimals & Percents Level 2 | Module 3: Addition & Subtraction of Decimals

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|       |                                       | <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 4: Multiplication &amp; Division of Decimals</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 5: Percents</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 6: Mixed Practice</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 7: Application</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 8: Mixed Review</p> <p>Unit 9: Measurement, Geometry &amp; Data   Module 4: Perimeter, Area &amp; Volume</p> <p>Unit 9: Measurement, Geometry &amp; Data   Module 5: Time, Money &amp; Distance</p> <p>Unit 9: Measurement, Geometry &amp; Data   Module 6: Units of Measure</p> <p>Unit 9: Measurement, Geometry &amp; Data   Module 7: Data Representation</p> <p>Unit 9: Measurement, Geometry &amp; Data   Module 8: Data Analysis</p> <p>Unit 10: Algebra   Module 1: Operations &amp; Equations</p> <p>Unit 10: Algebra   Module 2: Ratios &amp; Proportions</p> <p>Unit 10: Algebra   Module 4: Expressions</p> <p>Unit 10: Algebra   Module 5: Variables</p> <p>Unit 10: Algebra   Module 6: Patterns &amp; Structure</p> <p>Unit 10: Algebra   Module 7: Geometry</p> |
| MP.2. | Reason abstractly and quantitatively. | <p>Unit 4: Multiplication &amp; Division Level 1   Module 1: Skip Counting Review</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 5: Multiples &amp; Factors</p> <p>Unit 4: Multiplication &amp; Division Level 1   Module 6: Mixed Multiplication &amp; Division</p> <p>Unit 5: Multiplication &amp; Division Level 2   Module 2: Division by One Digit</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits</p> <p>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 3: Inequalities</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 6: Mixed Practice</p> <p>Unit 9: Measurement, Geometry &amp; Data   Module 2: Lines &amp; Angles</p> <p>Unit 9: Measurement, Geometry &amp; Data   Module 4: Perimeter, Area &amp; Volume</p> <p>Unit 10: Algebra   Module 4: Expressions</p>   |



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|       |                         | Unit 10: Algebra   Module 5: Variables<br>Unit 10: Algebra   Module 6: Patterns & Structure  |
| MP.4. | Model with mathematics. | Unit 4: Multiplication & Division Level 1   Module 2: Multiplication<br>Unit 4: Multiplication & Division Level 1   Module 3: Division<br>Unit 4: Multiplication & Division Level 1   Module 6: Mixed Multiplication & Division<br>Unit 5: Multiplication & Division Level 2   Module 1: Multiplication by One Digit<br>Unit 5: Multiplication & Division Level 2   Module 2: Division by One Digit<br>Unit 5: Multiplication & Division Level 2   Module 5: Multiplication by Two Digits<br>Unit 5: Multiplication & Division Level 2   Module 6: Division by Two Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations<br><br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding Fractions<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 2: Application of Concepts<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 3: Inequalities<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 4: Mixed Numbers<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 5: Fractions Review<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 6: Decimals<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 7: Percents<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 8: Relationships of Fractions, Decimals & Percents<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 1: Addition & Subtraction of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 2: Multiplication & Division of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 3: Addition & Subtraction of Decimals<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 4: Multiplication & Division of Decimals |

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|       |                                      | Unit 9: Measurement, Geometry & Data   Module 4: Perimeter, Area & Volume<br>Unit 9: Measurement, Geometry & Data   Module 5: Time, Money & Distance<br>Unit 9: Measurement, Geometry & Data   Module 6: Units of Measure<br>Unit 9: Measurement, Geometry & Data   Module 7: Data Representation<br>Unit 9: Measurement, Geometry & Data   Module 8: Data Analysis<br>Unit 10: Algebra   Module 2: Ratios & Proportions<br>Unit 10: Algebra   Module 4: Expressions<br>Unit 10: Algebra   Module 5: Variables<br>Unit 10: Algebra   Module 6: Patterns & Structure<br>Unit 10: Algebra   Module 7: Geometry  |
| MP.5. | Use appropriate tools strategically. | Unit 5: Multiplication & Division Level 2   Module 6: Division by Two Digits<br>Unit 5: Multiplication & Division Level 2   Module 7: Mixed Practice<br>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice with Operations<br>Unit 9: Measurement, Geometry & Data   Module 2: Lines & Angles<br>Unit 9: Measurement, Geometry & Data   Module 3: Classification of 2-D Figures   |
| MP.7. | Look for and make use of structure.  | Unit 4: Multiplication & Division Level 1   Module 2: Multiplication<br>Unit 4: Multiplication & Division Level 1   Module 3: Division<br>Unit 4: Multiplication & Division Level 1   Module 4: Strategies<br>Unit 5: Multiplication & Division Level 2   Module 3: Multiplication Using the Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 4: Division Using the Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 5: Multiplication by Two Digits<br>Unit 5: Multiplication & Division Level 2   Module 6: Division by Two Digits<br>Unit 5: Multiplication & Division Level 2   Module 7: Mixed Practice<br>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations |

Unit 6: Mixed Operations with Whole Numbers | Module 2: Two–Four Digits by One Digit

Unit 6: Mixed Operations with Whole Numbers | Module 3: Two–Four Digits by Two Digits

Unit 6: Mixed Operations with Whole Numbers | Module 4: Three–Four Digits by Three Digits

Unit 6: Mixed Operations with Whole Numbers | Module 5: Four Digits

Unit 6: Mixed Operations with Whole Numbers | Module 6: Mixed Practice with Operations

Unit 7: Fractions, Decimals & Percents Level 1 | Module 1: Understanding Fractions

Unit 7: Fractions, Decimals & Percents Level 1 | Module 2: Application of Concepts

Unit 7: Fractions, Decimals & Percents Level 1 | Module 3: Inequalities

Unit 7: Fractions, Decimals & Percents Level 1 | Module 4: Mixed Numbers

Unit 7: Fractions, Decimals & Percents Level 1 | Module 5: Fractions Review

Unit 7: Fractions, Decimals & Percents Level 1 | Module 6: Decimals

Unit 7: Fractions, Decimals & Percents Level 1 | Module 7: Percents

Unit 7: Fractions, Decimals & Percents Level 1 | Module 8: Relationships of Fractions, Decimals & Percents

Unit 8: Fractions, Decimals & Percents Level 2 | Module 1: Addition & Subtraction of Fractions

Unit 8: Fractions, Decimals & Percents Level 2 | Module 2: Multiplication & Division of Fractions

Unit 8: Fractions, Decimals & Percents Level 2 | Module 3: Addition & Subtraction of Decimals

Unit 8: Fractions, Decimals & Percents Level 2 | Module 4: Multiplication & Division of Decimals

Unit 8: Fractions, Decimals & Percents Level 2 | Module 5: Percents

Unit 9: Measurement, Geometry & Data | Module 1: 2-D Shapes

Unit 9: Measurement, Geometry & Data | Module 2: Lines & Angles

Unit 9: Measurement, Geometry & Data | Module 3: Classification of 2-D Figures

Unit 9: Measurement, Geometry & Data | Module 4: Perimeter, Area & Volume

Unit 9: Measurement, Geometry & Data | Module 5: Time, Money & Distance

Unit 9: Measurement, Geometry & Data | Module 6: Units of Measure

Unit 9: Measurement, Geometry & Data | Module 7: Data Representation

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|       |  | Unit 9: Measurement, Geometry & Data   Module 8: Data Analysis<br>Unit 10: Algebra   Module 1: Operations & Equations<br>Unit 10: Algebra   Module 2: Ratios & Proportions<br>Unit 10: Algebra   Module 4: Expressions<br>Unit 10: Algebra   Module 5: Variables<br>Unit 10: Algebra   Module 6: Patterns & Structure<br>Unit 10: Algebra   Module 7: Geometry  |
| MP.8. | Look for and express regularity in repeated reasoning. | Unit 5: Multiplication & Division Level 2   Module 3: Multiplication Using the Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 4: Division Using the Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 5: Multiplication by Two Digits<br>Unit 5: Multiplication & Division Level 2   Module 6: Division by Two Digits<br>Unit 5: Multiplication & Division Level 2   Module 7: Mixed Practice<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 5: Four Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice with Operations<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 8: Relationships of Fractions, Decimals & Percents<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 1: Addition & Subtraction of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 2: Multiplication & Division of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 3: Addition & Subtraction of Decimals<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 4: Multiplication & Division of Decimals<br>Unit 9: Measurement, Geometry & Data   Module 6: Units of Measure |

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| <b>MT.CC.5.OA</b>   | <b>Operations and Algebraic Thinking</b>   | <b>Operations and Algebraic Thinking</b>   |
| .                   | Write and interpret numerical expressions. |  |
|                     |  | Unit 10: Algebra   Module 1: Operations & Equations  |
|                     | Analyze patterns and relationships.        |  |
|                     |  | Unit 10: Algebra   Module 6: Patterns & Structure  |
| <b>MT.CC.5.NBT.</b> | <b>Number and Operations in Base Ten</b>   | <b>Number and Operations in Base Ten</b>   |
|                     | Understand the place value system.         | <p>Unit 5: Multiplication &amp; Division Level 2   Module 3: Multiplication Using the Algorithm</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 5: Four Digits</p> <p>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice with Operations</p> <p>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 6: Decimals</p> <p>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 7: Percents</p> <p>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 8: Relationships of Fractions, Decimals &amp; Percents</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 3: Addition &amp; Subtraction of Decimals</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 4: Multiplication &amp; Division of Decimals</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 5: Percents</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 6: Mixed Practice</p> <p>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 7: Application</p> |

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|                    |  | Unit 8: Fractions, Decimals & Percents Level 2   Module 8: Mixed Review<br>Unit 10: Algebra   Module 1: Operations & Equations<br>Unit 10: Algebra   Module 6: Patterns & Structure  |
|                    | Perform operations with multi-digit whole numbers and with decimals to hundredths. | Unit 5: Multiplication & Division Level 2   Module 5: Multiplication by Two Digits<br>Unit 5: Multiplication & Division Level 2   Module 6: Division by Two Digits<br>Unit 5: Multiplication & Division Level 2   Module 7: Mixed Practice<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four Digits by Three Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 5: Four Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice with Operations<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 3: Addition & Subtraction of Decimals<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 4: Multiplication & Division of Decimals<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 6: Mixed Practice<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 8: Mixed Review |
| <b>MT.CC.5.NF.</b> | <b>Number and Operations—Fractions</b>   | <b>Number and Operations—Fractions</b>   |
|                    | Use equivalent fractions as a strategy to add and subtract fractions.              | Unit 8: Fractions, Decimals & Percents Level 2   Module 1: Addition & Subtraction of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 2: Multiplication & Division of Fractions  |

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|                   |   | Unit 8: Fractions, Decimals & Percents Level 2   Module 6: Mixed Practice<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 8: Mixed Review  |
|                   | Apply and extend previous understandings of multiplication and division to multiply and divide fractions. | Unit 4: Multiplication & Division Level 1   Module 2: Multiplication<br>Unit 4: Multiplication & Division Level 1   Module 5: Multiples & Factors<br>Unit 4: Multiplication & Division Level 1   Module 6: Mixed Multiplication & Division<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding Fractions<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 2: Application of Concepts<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 3: Inequalities<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 4: Mixed Numbers<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 5: Fractions Review<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 2: Multiplication & Division of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 6: Mixed Practice<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 8: Mixed Review<br>Unit 10: Algebra   Module 5: Variables |
| <b>MT.CC.5.MD</b> | <b>Measurement and Data</b>   | <b>Measurement and Data</b>   |
|                   | Convert like measurement units within a given measurement system.   | Unit 9: Measurement, Geometry & Data   Module 6: Units of Measure   |
|                   | Represent and interpret data.   | Unit 9: Measurement, Geometry & Data   Module 7: Data Representation  |

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|                   |   | Unit 9: Measurement, Geometry & Data   Module 8: Data Analysis   |
|                   | Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition. | Unit 9: Measurement, Geometry & Data   Module 4: Perimeter, Area & Volume<br>Unit 10: Algebra   Module 4: Expressions<br>Unit 10: Algebra   Module 7: Geometry   |
| <b>MT.CC.5.G.</b> | <b>Geometry</b>   | <b>Geometry</b>  |
|                   | Graph points on the coordinate plane to solve real-world and mathematical problems.                       | Unit 9: Measurement, Geometry & Data   Module 7: Data Representation<br>Unit 10: Algebra   Module 2: Ratios & Proportions<br>Unit 10: Algebra   Module 4: Expressions<br>Unit 10: Algebra   Module 7: Geometry |
|                   | Classify two-dimensional figures into categories based on their properties.                               | Unit 9: Measurement, Geometry & Data   Module 1: 2-D Shapes<br>Unit 9: Measurement, Geometry & Data   Module 3: Classification of 2-D Figures  |