## **TOUCHMATH**°

## Kansas Academic Standards

## Subject: Mathematics

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

|          |   | Grade: <b>K</b> - Adopted: <b>2017</b>  |
|----------|---|---|
| STANDARD | NAME  | UNITS AND MODULES   |
| MP.      | Standards for Mathematical<br>Practice                |   |
| 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 |
|          |   | Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction   |
|          |   | Unit 2: Number & Operations Level 2   Module 3: Addition  |
|          |   | Unit 2: Number & Operations Level 2   Module 4: Subtraction   |
|          |   | Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction  |
|          |   | Unit 2: Number & Operations Level 2   Module 6: Composing & Decomposing   |
|          |   | Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing 10  |
|          |   | Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15   |

|       |                         | 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  |
|       |                         | Unit 1: Numbers & Operations Level 1   Module 2: Representing 4-5  |
|       |                         | Unit 1: Numbers & Operations Level 1   Module 3: Comparing   |
|       |                         | Unit 1: Numbers & Operations Level 1   Module 4: Addition  |
|       |                         | Unit 1: Numbers & Operations Level 1   Module 5: Subtraction   |
|       |                         | Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction  |
|       |                         | Unit 2: Number & Operations Level 2   Module 1: Representing 6-7   |
|       |                         | Unit 2: Number & Operations Level 2   Module 2: Representing 8-9   |
|       |                         | Unit 2: Number & Operations Level 2   Module 3: Addition   |
|       |                         | Unit 2: Number & Operations Level 2   Module 4: Subtraction  |
|       |                         | Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction   |
|       |                         | Unit 2: Number & Operations Level 2   Module 6: Composing & Decomposing  |
|       |                         | Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing 10   |
|       |                         | Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15  |
|       |                         | Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20  |
|       |                         | Unit 3: Number & Operations Level 3   Module 4: Place Value  |
|       |                         | Unit 3: Number & Operations Level 3   Module 5: Word Problems  |
|       |                         | Unit 3: Number & Operations Level 3   Module 6: Counting   |
|       |                         | Unit 4: Measurement, Geometry, & Data   Module 1: Describing Length  |
|       |                         | Unit 4: Measurement, Geometry, & Data   Module 2: Sorting & Classifying  |
|       |                         | Unit 4: Measurement, Geometry, & Data   Module 3: Data   |
|       |                         | Unit 4: Measurement, Geometry, & Data   Module 4: 2-D Shapes   |
|       |                         | 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               |
| K.CC. | Counting and Cardinality                  |  |
|       | Know number names and the count sequence. |  |
|       |   |  |
|       |   | Unit 1: Numbers & Operations Level 1   Module 1: Representing 0-3          |
|       |   | Unit 1: Numbers & Operations Level 1   Module 2: Representing 4-5          |
|       |   | Unit 1: Numbers & Operations Level 1   Module 3: Comparing                 |
|       |   | Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction    |
|       |   | Unit 2: Number & Operations Level 2   Module 1: Representing 6-7           |
|       |   | Unit 2: Number & Operations Level 2   Module 2: Representing 8-9           |
|       |   | Unit 2: Number & Operations Level 2   Module 3: Addition                   |
|       |   | Unit 2: Number & Operations Level 2   Module 4: Subtraction                |
|       |   | Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction     |
|       |   | Unit 2: Number & Operations Level 2   Module 6: Composing & Decomposing    |
|       |   | Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing 10 |
|       |   | Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15              |
|       |   | Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20              |
|       |   | Unit 3: Number & Operations Level 3   Module 4: Place Value                |
|       |   | Unit 3: Number & Operations Level 3   Module 5: Word Problems              |
|       |   | 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          |

|       | Unit 1: Numbers & Operations Level 1   Module 2: Representing 4-5<br>Unit 1: Numbers & Operations Level 1   Module 3: Comparing |
|-------|---|
|       | Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction   |
|       |   |
|       | Unit 2: Number & Operations Level 2   Module 1: Representing 6-7  |
|       | Unit 2: Number & Operations Level 2   Module 2: Representing 8-9  |
|       | Unit 2: Number & Operations Level 2   Module 3: Addition  |
|       | Unit 2: Number & Operations Level 2   Module 4: Subtraction   |
|       | Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction  |
|       | Unit 2: Number & Operations Level 2   Module 6: Composing & Decompos  |
|       | Unit 3: Number & Operations Level 3   Module 1: Composing & Decompos  |
|       | 10  |
|       | Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15   |
|       | Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20   |
|       | Unit 3: Number & Operations Level 3   Module 4: Place Value   |
|       | Unit 3: Number & Operations Level 3   Module 5: Word Problems   |
|       | Unit 3: Number & Operations Level 3   Module 6: Counting  |
|       | Unit 4: Measurement, Geometry, & Data   Module 2: Sorting & Classifying   |
| Compa | are numbers.  |
|       | Unit 1: Numbers & Operations Level 1   Module 1: Representing 0-3   |
|       | Unit 1: Numbers & Operations Level 1   Module 3: Comparing  |
|       | Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction   |
|       | Unit 2: Number & Operations Level 2   Module 1: Representing 6-7  |
|       | Unit 2: Number & Operations Level 2   Module 2: Representing 8-9  |
|       | Unit 2: Number & Operations Level 2   Module 3: Addition  |
|       | Unit 2: Number & Operations Level 2   Module 4: Subtraction   |
|       | Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction  |

|        |  | Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing 10 |
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|        |  | Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15              |
|        |  | Unit 3: Number & Operations Level 3   Module 3: Numbers 10-13              |
|        |  | Unit 4: Measurement, Geometry, & Data   Module 3: Data                     |
| K.OA.  | Operations and Algebraic Thinking                            | Unit 4. Measurement, Geometry, & Data   Mouule 3. Data                     |
| R.UA.  |  |  |
|        | Understand addition as putting together and adding to, and   |  |
|        | understand subtraction as taking                             |  |
|        | apart and taking from.                                       |  |
|        | apart and taking nom.  |  |
|        |  |  |
|        |  | Unit 1: Numbers & Operations Level 1   Module 4: Addition                  |
|        |  | Unit 1: Numbers & Operations Level 1   Module 5: Subtraction               |
|        |  | Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction    |
|        |  | Unit 2: Number & Operations Level 2   Module 3: Addition                   |
|        |  | Unit 2: Number & Operations Level 2   Module 4: Subtraction                |
|        |  | Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction     |
|        |  | Unit 2: Number & Operations Level 2   Module 6: Composing & Decomposing    |
|        |  | Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing    |
|        |  | 10   |
|        |  | Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15              |
|        |  | Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20              |
|        |  | Unit 3: Number & Operations Level 3   Module 4: Place Value                |
|        |  | Unit 3: Number & Operations Level 3   Module 5: Word Problems              |
| K.NBT. | Number and Operations in Base<br>Ten                         |  |
|        | Work with numbers 11–19 to gain foundations for place value. |  |

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|-------|---|---|
|       |   | Unit 1: Numbers & Operations Level 1   Module 4: Addition               |
|       |   | Unit 1: Numbers & Operations Level 1   Module 5: Subtraction            |
|       |   | Unit 1: Numbers & Operations Level 1   Module 6: Addition & Subtraction |
|       |   |   |
|       |   | Unit 2: Number & Operations Level 2   Module 4: Subtraction             |
|       |   | Unit 2: Number & Operations Level 2   Module 5: Addition & Subtraction  |
|       |   |   |
|       |   | Unit 2: Number & Operations Level 2   Module 6: Composing & Decomposing |
|       |   | Unit 3: Number & Operations Level 3   Module 1: Composing & Decomposing |
|       |   | 10  |
|       |   | Unit 3: Number & Operations Level 3   Module 2: Numbers 10-15           |
|       |   | Unit 3: Number & Operations Level 3   Module 3: Numbers 16-20           |
|       |   | Unit 3: Number & Operations Level 3   Module 4: Place Value             |
| K.MD. | Measurement and Data                        |   |
|       | Describe and compare measurable attributes. |   |
|       |   |   |
|       |   |   |
|       |   | Unit 4: Measurement, Geometry, & Data   Module 1: Describing Length     |
|       |   |   |
|       |   | Unit 4: Measurement, Geometry, & Data   Module 2: Sorting & Classifying |
|       |   |   |
|       |   | 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 |
|       |   | Unit 4: Measurement, Geometry, & Data   Module 3: Data                  |
|       |   | Unit 4: Measurement, Geometry, & Data   Module 4: 2-D Shapes            |
|       |   | Unit 4: Measurement, Geometry, & Data   Module 5: 3-D Shapes            |
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| K.G.  | Geometry   |  |
|-------|--|--|
|       | Identify and describe shapes<br>(squares, circles, triangles,<br>rectangles, hexagons, cubes,<br>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<br>Environment   |
|       | Analyze, compare, create, and compose shapes.  | Unit 4: Maggurgment, Coomatry, 8 Data   Madula 2: Data   |
|       |  | 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: <b>1</b> - Adopted: <b>2017</b>   |
| MP.   | Standards for Mathematical<br>Practice   |  |
| 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  |
|       |  | 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 |

|       |                                       | 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 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.               | 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 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 5: Subtraction Strategies<br>Unit 3: Numbers & Operations Level 3   Module 5: Subtraction Strategies<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 |

|       |  | 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 2: Numbers & Operations Level 2   Module 4: Backward Counting<br>Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20   |
| 1.0A. | Operations and Algebraic Thinking  |  |
|       | 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 5: Subtraction within 20<br>Unit 3: 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 5: Subtraction Strategies<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               |
|---|---|
|   | Unit 1: Numbers & Operations Level 1   Module 4: Addition within 9      |
|   | Unit 1: Numbers & Operations Level 1   Module 5: Subtraction within 9   |
|   | Unit 1: Numbers & Operations Level 1   Module 6: Within 9               |
|   | Unit 2: Numbers & Operations Level 2   Module 2: Addition within 13     |
|   | Unit 2: Numbers & Operations Level 2   Module 3: Addition within 20     |
|   | Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20  |
|   | Unit 2: Numbers & Operations Level 2   Module 6: Within 20              |
|   | Unit 3: Numbers & Operations Level 3   Module 2: Addition within 100    |
|   | Unit 3: Numbers & Operations Level 3   Module 4: Addition Strategies    |
|   | Unit 3: Numbers & Operations Level 3   Module 6: Subtraction Strategies |
|   | 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               |
|   | Unit 1: Numbers & Operations Level 1   Module 4: Addition within 9      |
|   | Unit 1: Numbers & Operations Level 1   Module 5: Subtraction within 9   |
|   | Unit 1: Numbers & Operations Level 1   Module 6: Within 9               |
|   | Unit 2: Numbers & Operations Level 2   Module 2: Addition within 13     |
|   | Unit 2: Numbers & Operations Level 2   Module 3: Addition within 20     |
|   | Unit 2: Numbers & Operations Level 2   Module 4: Backward Counting      |
|   | Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20  |
|   | Unit 2: Numbers & Operations Level 2   Module 6: Within 20              |
|   | Unit 3: Numbers & Operations Level 3   Module 2: Addition within 100    |
|   | Unit 3: Numbers & Operations Level 3   Module 3: Mixed Addition         |
|   | Unit 3: Numbers & Operations Level 3   Module 4: Addition Strategies    |
|   | Unit 3: Numbers & Operations Level 3   Module 5: Subtraction within 100 |
|   | Unit 3: Numbers & Operations Level 3   Module 6: Subtraction Strategies |
|   | 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  |
|--------|--------------------------------------|---|
|        |                                      | Unit 1: Numbers & Operations Level 1   Module 4: Addition within 9  |
|        |                                      | Unit 1: Numbers & Operations Level 1   Module 5: Subtraction within 9   |
|        |                                      | Unit 1: Numbers & Operations Level 1   Module 6: Within 9   |
|        |                                      | Unit 2: Numbers & Operations Level 2   Module 1: Place Value  |
|        |                                      | Unit 2: Numbers & Operations Level 2   Module 2: Addition within 13   |
|        |                                      | Unit 2: Numbers & Operations Level 2   Module 3: Addition within 20   |
|        |                                      | Unit 2: Numbers & Operations Level 2   Module 5: Subtraction within 20  |
|        |                                      | Unit 2: Numbers & Operations Level 2   Module 6: Within 20  |
|        |                                      | Unit 3: Numbers & Operations Level 3   Module 1: Place Value  |
|        |                                      | Unit 3: Numbers & Operations Level 3   Module 2: Addition within 100  |
|        |                                      | Unit 3: Numbers & Operations Level 3   Module 3: Mixed Addition   |
|        |                                      | Unit 3: Numbers & Operations Level 3   Module 4: Addition Strategies  |
|        |                                      | Unit 3: Numbers & Operations Level 3   Module 6: Subtraction Strategies   |
|        |                                      | Unit 3: Numbers & Operations Level 3   Module 7: Within 100   |
| 1.NBT. | Number and Operations in Base<br>Ten |   |
|        | Extend the counting sequence.        |   |
|        |                                      |   |
|        |                                      | Unit 1: Numbers & Operations Level 1   Module 1: Counting   |
|        |                                      | Unit 1: Numbers & Operations Level 1   Module 2: TouchPoints  |
|        |                                      | Unit 2: Numbers & Operations Level 2   Module 1: Place Value  |
|        |                                      | Unit 2: Numbers & Operations Level 2   Module 4: Backward Counting  |
|        |                                      |   |
|        |                                      | Unit 3: Numbers & Operations Level 3   Module 1: Place Value  |
|        | Understand place value.              | Unit 3: Numbers & Operations Level 3   Module 1: Place Value  |
|        | Understand place value.              | Unit 3: Numbers & Operations Level 3   Module 1: Place Value  |
|        | Understand place value.              |   |
|        | Understand place value.              | Unit 1: Numbers & Operations Level 1   Module 2: TouchPoints  |
|        | Understand place value.              | Unit 1: Numbers & Operations Level 1   Module 2: TouchPoints<br>Unit 2: Numbers & Operations Level 2   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 |
|        | Understand place value.              | Unit 1: Numbers & Operations Level 1   Module 2: TouchPoints<br>Unit 2: Numbers & Operations Level 2   Module 1: Place Value  |

|       |   | 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  |
|-------|---|--|
|       |   | 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 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 3: Numbers & Operations Level 3   Module 2: Addition within 100 |
|       |   | 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            |
| 1.MD. | Measurement and Data  |  |
|       | 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.   |  |

| 1.G.  | Geometry  |   |
|-------|---|---|
|       | 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<br>Shapes  |
|       |   | Grade: <b>2</b> - Adopted: <b>2017</b>  |
| MP.   | Standards for Mathematical<br>Practice                |   |
| 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 6: Mixed Regrouping<br>Unit 2: Addition & Subtraction Level 2   Module 5: Subtraction 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 |

|       |                                       | Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within<br>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<br>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  |
|       |                                       | Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within 1,000   |
|       |                                       | 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   |

|       |                                      | 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 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<br>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. | 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 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   |

| MP.8.  | Look for and express regularity in                               | Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within<br>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 |
|--------|--|--|
| WI .0. | repeated reasoning.  |  |
|        |  |  |
|        |  | Unit 3: Operations with Multi-Digit Numbers   Module 1: Multiples of 10 & 100  |
|        |  | Unit 3: Operations with Multi-Digit Numbers   Module 2: Addition within 1,000  |
|        |  | Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within 1,000   |
|        |  | Unit 3: Operations with Multi-Digit Numbers   Module 5: Multiplication 1   |
| 2.0A.  | Operations and Algebraic Thinking                                | Unit 3: Operations with Multi-Digit Numbers   Module 6: Multiplication 2   |
|        |  |  |
|        | Represent and solve problems involving addition and subtraction. |  |
|        |  | 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 1: Within 13<br>Unit 1:Addition& Subtraction Level 1   Module 2: Within 20   |
|        |  | Unit 1:Addition& Subtraction Level 1   Module 3: Within 50   |
|        |  | Unit 1:Addition& Subtraction Level 1   Module 4: Addition with Regrouping<br>Unit 1:Addition& Subtraction Level 1   Module 5: Subtraction with Regrouping  |
|        |  | Unit 1:Addition& Subtraction Level 1   Module 6: Mixed Regrouping<br>Unit 2: Addition & Subtraction Level 2   Module 4: Addition within 100  |
|        |  | Unit 2: Addition & Subtraction Level 2   Module 4: Addition within 100   |
|        |  | Unit 2: Addition & Subtraction Level 2   Module 6: Within 100  |

|        | Understand place value.   |   |
|--------|---|---|
| 2.NBT. | Number and Operations in Base<br>Ten  |   |
|        |   | 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   |
|        | Work with equal groups of objects<br>to gain foundations for<br>multiplication. |   |
|        |   | 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  |
|        |   | Unit 1:Addition& Subtraction Level 1   Module 6: Mixed 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 |
|        |   | Unit 1:Addition& Subtraction Level 1   Module 3: Within 50<br>Unit 1:Addition& Subtraction Level 1   Module 4: Addition with Regrouping   |
|        |   | 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                         |
|        | Add and subtract within 20.   |   |
|        |   | 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  |
|        |   | 100<br>Unit 3: Operations with Multi-Digit Numbers   Module 2: Addition within 1,00   |

| Use place value understanding and             | 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 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 &<br>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<br>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 4: Mixed Operations<br>Unit 3: Operations with Multi-Digit Numbers   Module 5: Multiplication 1<br>Unit 3: Operations with Multi-Digit Numbers   Module 5: Multiplication 1<br>Unit 3: Operations with Multi-Digit Numbers   Module 5: Multiplication 1<br>Unit 4: Measurement, Geometry & Data   Module 1: Time<br>Unit 4: Measurement, Geometry & Data   Module 2: Money |
|---|---|
| properties of operations to add and subtract. |   |
|   | 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  |

|       |   | 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 &<br>100<br>Unit 3: Operations with Multi-Digit Numbers   Module 2: Addition within 1,000 |
|-------|---|---|
|       |   | Unit 3: Operations with Multi-Digit Numbers   Module 3: Subtraction within 1,000  |
|       |   | Unit 3: Operations with Multi-Digit Numbers   Module 4: Mixed Operations  |
| 2.MD. | Measurement and Data                            |   |
|       | 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  |
|       | Relate addition and subtraction to length.      | Unit 2: Addition & Subtraction Level 2   Module 1: Place Value  |
|       |   | 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   |
| 2.G.  | Geometry  | onit 4. Measurement, Geometry & Data   Module 5. Data   |
| 2.0.  | ocomea y  | 1   |

|       | 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   |
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|       |   | Grade: <b>3</b> - Adopted: <b>2017</b>  |
| MP.   | Standards for Mathematical<br>Practice                |   |
| 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 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 2: Within 20<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 2: 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 5<br>Unit 3: Skip Counting   Module 5: 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 |

|       |                                       | <ul> <li>Unit 4: Multiplication &amp; Division Level 1   Module 1: Skip Counting Review</li> <li>Unit 4: Multiplication &amp; Division Level 1   Module 2: Multiplication</li> <li>Unit 5: Multiplication &amp; Division Level 2   Module 1: Multiplication by One</li> <li>Digit</li> <li>Unit 5: Multiplication &amp; Division Level 2   Module 2: Division by One Digit</li> <li>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of</li> <li>Operations</li> <li>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two-Four Digits</li> <li>by One Digit</li> <li>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits</li> <li>by Two Digits</li> <li>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three-Four</li> <li>Digits by Three Digits</li> </ul>   |
|-------|---------------------------------------|--|
| MP.2. | Reason abstractly and quantitatively. | Unit 2: Addition & Subtraction Level 2   Module 1: Counting to 1,000<br>Unit 2: Addition & Subtraction Level 2   Module 2: Within 20<br>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 5<br>Unit 3: Skip Counting   Module 6: Skip Counting by 7<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 3: Two-Four Digits<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits |

| MP.4. | Model with mathematics. |  |
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|       |                         |  |
|       |                         | Unit 1: Addition & Subtraction Level 1   Module 2: Addition                            |
|       |                         | Unit 1: Addition & Subtraction Level 1   Module 3: Backward Counting                   |
|       |                         | Unit 1: Addition & Subtraction Level 1   Module 4: Subtraction                         |
|       |                         | 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 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 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<br>Operations |
|       |                         | Unit 6: Mixed Operations with Whole Numbers   Module 2: Two–Four Digits by One Digit   |
|       |                         | Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding Fractions     |
|       |                         | Unit 7: Fractions, Decimals & Percents Level 1   Module 2: Application of Concepts     |

| MP.7. | Look for and make use of structure.                    |  |
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|       |  | Unit 2: Addition & Subtraction Level 2   Module 1: Counting to 1,000<br>Unit 2: Addition & Subtraction Level 2   Module 2: Within 20<br>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 7: 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 3: Two-Four Digits<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits |
| 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   |

|       |  | Unit 6: Mixed Operations with Whole Numbers   Module 2: Two-Four Digits<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three-Four<br>Digits by Three Digits  |
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| 3.0A. | Operations and Algebraic Thinking  |  |
|       | 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<br>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<br>Operations<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two-Four Digits<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three-Four<br>Digits by Three Digits |
|       | Understand properties of<br>multiplication and the relationship<br>between multiplication and<br>division. |  |
|       |  | Unit 1: Addition & Subtraction Level 1   Module 5: Fact Families<br>Unit 1: Addition & Subtraction Level 1   Module 7: Strategies<br>Unit 1: Addition & Subtraction Level 1   Module 8: Mixed Addition &<br>Subtraction<br>Unit 2: Addition & Subtraction Level 2   Module 2: Within 20<br>Unit 2: Addition & Subtraction Level 2   Module 5: Strategies   |

|  | Unit 4: Multiplication & Division Level 1   Module 2: Multiplication<br>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of<br>Operations<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two-Four Digits<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits  |
|--|--|
| Multiply and divide within 100 (basic facts up to 10 x 10).                                    |  |
|  | Unit 1: Addition & Subtraction Level 1   Module 5: Fact Families<br>Unit 1: Addition & Subtraction Level 1   Module 7: Strategies<br>Unit 1: Addition & Subtraction Level 1   Module 8: Mixed Addition &<br>Subtraction<br>Unit 2: Addition & Subtraction Level 2   Module 2: Within 20<br>Unit 2: Addition & Subtraction Level 2   Module 5: Strategies<br>Unit 4: Multiplication & Division Level 1   Module 2: Multiplication<br>Unit 5: Multiplication & Division Level 2   Module 1: Multiplication by One<br>Digit<br>Unit 5: Multiplication & Division Level 2   Module 2: Division 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<br>Operations<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two-Four Digits<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by One Digit |
| Solve problems involving the four operations, and identify and explain patterns in arithmetic. |  |
|  | 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 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  |
|        |                                      | Unit 6: Mixed Operations with Whole Numbers   Module 4: Three–Four<br>Digits by Three Digits |
| 3.NBT. | Number and Operations in Base<br>Ten |  |
|        | Use place value understanding and    |  |
|        | properties of operations to perform  |  |
|        | multi-digit arithmetic.              |  |

| 3.NF. | Number and Operations –<br>Fractions   | Unit 1: Addition & Subtraction Level 1   Module 2: Addition<br>Unit 1: Addition & Subtraction Level 1   Module 7: Strategies<br>Unit 1: Addition & Subtraction Level 1   Module 8: Mixed Addition &<br>Subtraction<br>Unit 2: Addition & Subtraction Level 2   Module 2: Within 20<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 2: Addition & Subtraction Level 2   Module 6: Three-Digit Numbers<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three-Four<br>Digits by Three Digits |
|-------|--|--|
|       | Develop understanding of fractions<br>as numbers. (Grade 3 expectations<br>in this domain are limited to<br>fractions with denominators 2, 3, 4,<br>6, and 8.) | Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding<br>Fractions<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 2: Application of<br>Concepts   |
| 3.MD. | Measurement and Data   | · · ·  |
|       | Represent and interpret data.  | 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   |

|       |  | 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 |
|-------|--|--|
|       |  | Unit 3: Skip Counting   Module 7: Skip Counting by 9   |
|       | Geometric measurement:<br>understand concepts of area and<br>relate area to multiplication and to<br>addition. |  |
|       |  | Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of Operations  |
|       |  | Unit 6: Mixed Operations with Whole Numbers   Module 3: Two–Four Digits by Two Digits  |
| 3.G.  | Geometry   |  |
|       | 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: <b>4</b> - Adopted: <b>2017</b>   |
| MP.   | Standards for Mathematical<br>Practice   |  |
| MP.1. | Make sense of problems and persevere in solving them.  |  |
|       |  | Unit 10: Algebra   Module 1: Operations & Equations  |

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 1: Counting to 1,000 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 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 Diait 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<br>Unit 5: Multiplication & Division Level 2   Module 7: Mixed Practice<br>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of<br>Operations<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two-Four Digits<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three-Four<br>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 5: Four Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice<br>with Operations<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 1: Addition &<br>Subtraction of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 2: Multiplication &<br>Division of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application |
|-------|---------------------------------------|---|
| MP.2. | Reason abstractly and quantitatively. | Unit 2: Addition & Subtraction Level 2   Module 1: Counting to 1,000<br>Unit 2: Addition & Subtraction Level 2   Module 2: Within 20<br>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 4<br>Unit 3: Skip Counting   Module 5: 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  |

|       |                         | 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 &<br>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<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits<br>Unit 9: Measurement, Geometry & Data   Module 2: Lines & Angles   |
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| 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 &<br>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 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 5<br>Unit 3: Skip Counting   Module 5: Skip Counting by 7<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 6: Mixed Multiplication &<br>Division<br>Unit 5: Multiplication & Division Level 2   Module 1: Multiplication by One<br>Digit |

|       |                                      | Unit 5: Multiplication & Division Level 2   Module 2: Division by One Digit<br>Unit 5: Multiplication & Division Level 2   Module 5: Multiplication by Two<br>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<br>Operations<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two-Four Digits<br>by One Digit<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding<br>Fractions<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 2: Application of<br>Concepts<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 1: Addition &<br>Subtraction of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 1: Addition &<br>Subtraction of Fractions |
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| 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<br>with Operations<br>Unit 9: Measurement, Geometry & Data   Module 2: Lines & Angles  |
| MP.7. | Look for and make use of structure.  | Unit 2: Addition & Subtraction Level 2   Module 1: Counting to 1,000<br>Unit 2: Addition & Subtraction Level 2   Module 2: Within 20<br>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  |

|       |  | 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 &<br>Division<br>Unit 5: Multiplication & Division Level 2   Module 6: Mixed Multiplication &<br>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<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits<br>Unit 9: Measurement, Geometry & Data   Module 2: Lines & Angles |
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| 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 7: Skip Counting by 9<br>Unit 5: Multiplication & Division Level 2   Module 3: Multiplication Using the<br>Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 4: Division Using the<br>Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 5: Multiplication by Two<br>Digits<br>Unit 5: Multiplication & Division Level 2   Module 6: Division by Two Digits  |

|       |   | Unit 5: Multiplication & Division Level 2   Module 7: Mixed Practice<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two-Four Digits<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three-Four<br>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<br>with Operations<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 1: Addition &<br>Subtraction of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 2: Multiplication &<br>Division of Fractions  |
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| 4.0A. | Operations and Algebraic Thinking                             |   |
|       | 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 &<br>Subtraction<br>Unit 2: Addition & Subtraction Level 2   Module 2: Within 20<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 2: Addition & Subtraction Level 2   Module 6: Three-Digit Numbers<br>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 4: Multiplication & Division Level 1   Module 6: Mixed Multiplication &<br>Division<br>Unit 5: Multiplication & Division Level 2   Module 1: Multiplication by One<br>Digit |

|  | Unit 5: Multiplication & Division Level 2   Module 2: Division by One Digit<br>Unit 5: Multiplication & Division Level 2   Module 3: Multiplication Using the<br>Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 4: Division Using the<br>Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 5: Multiplication by Two<br>Digits<br>Unit 5: Multiplication & Division Level 2   Module 6: Division 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<br>Operations<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two-Four Digits<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three-Four |
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|  | Digits by Three Digits  |
|  | Unit 6: Mixed Operations with Whole Numbers   Module 5: Four Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice<br>with Operations  |
| Gain familiarity with factors and multiples. |   |
|  | Unit 3: Skip Counting   Module 8: Skip Counting by 9<br>Unit 4: Multiplication & Division Level 1   Module 5: Multiples & Factors   |
| Generate and analyze patterns.               | Onit 4. Multiplication & Division Level 1   Module 5. Multiples & Pactors   |
|  | 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  |

| 4.NBT. | Number and Operations in Base   | 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  |
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|        | Ten   |  |
|        | Generalize place value<br>understanding for multi-digit whole<br>numbers. (Limited to whole<br>numbers less than or equal to<br>1,000,000.) |  |
|        |   | 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 &<br>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 3: Place Value<br>Unit 2: Addition & Subtraction Level 2   Module 5: Strategies<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 6: Three-Digit Numbers<br>Unit 5: Multiplication & Division Level 2   Module 7: Mixed Practice<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two-Four Digits<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three-Four<br>Digits by Three Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three-Four<br>Digits by Three Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 5: Four Digits |

|  | Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice with Operations |
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| Use place value understanding an 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<br>Digits  |

|       |   | Unit 5: Multiplication & Division Level 2   Module 7: Mixed Practice<br>Unit 6: Mixed Operations with Whole Numbers   Module 1: Relationships of<br>Operations<br>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two-Four Digits<br>by One Digit<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 4: Three-Four<br>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 5: Four Digits<br>Unit 6: Mixed Operations with Whole Numbers   Module 5: Four Digits<br>Whole Operations with Whole Numbers   Module 5: Four Digits |
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| 4.NF. | Number and Operations –<br>Fractions  |   |
|       | Extend understanding of fraction<br>equivalence and ordering. (Limited<br>to fractions with denominators 2, 3,<br>4, 5, 6, 8, 10, 12, 100)  |   |
|       |   | Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding<br>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 &<br>Subtraction of Fractions   |
|       |   | 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<br>by applying and extending previous<br>understandings of operations on<br>whole numbers. (Limited to<br>fractions with denominators 2, 3, 4,<br>5, 6, 8, 10, 12, 100) |   |

|       |   | Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding<br>Fractions<br>Unit 7: Fractions, Decimals & Percents Level 1   Module 2: Application of<br>Concepts<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 1: Addition &<br>Subtraction of Fractions<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 2: Multiplication &<br>Division of Fractions |
|-------|---|---|
|       |   | 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<br>fractions, and compare decimal<br>fractions. (Students are expected<br>to learn to add decimals by<br>converting them to fractions with<br>the same denominator, in<br>preparation for general fraction<br>addition in grade 5.) | Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 8: Mixed Review   |
| 4.MD. | Measurement and Data  |   |
|       | Solve problems involving<br>measurement and conversion of<br>measurements from a larger unit to<br>a smaller unit.  | Unit 8: Fractions, Decimals & Percents Level 2   Module 7: Application  |
| 4.G.  | Geometry  | ,   |

|       | Draw and identify lines and angles,<br>and classify shapes by properties<br>of their lines and angles. | Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding<br>Fractions<br>Unit 9: Measurement, Geometry & Data   Module 1: 2-D Shapes<br>Unit 9: Measurement, Geometry & Data   Module 2: Lines & Angles  |
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|       |  | Grade: <b>5</b> - Adopted: <b>2017</b>   |
| MP.   | Standards for Mathematical<br>Practice   |  |
| MP.1. | Make sense of problems and<br>persevere in solving them.   | Unit 4: Multiplication & Division Level 1   Module 1: Skip Counting Review<br>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 4: Multiplication & Division Level 1   Module 5: Multiples & Factors<br>Unit 4: Multiplication & Division Level 1   Module 6: Mixed Multiplication &<br>Division<br>Unit 5: Multiplication & Division Level 2   Module 1: Multiplication by One<br>Digit<br>Unit 5: Multiplication & Division Level 2   Module 2: Division by One Digit<br>Unit 5: Multiplication & Division Level 2   Module 3: Multiplication Using the<br>Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 4: Division Using the<br>Algorithm<br>Unit 5: Multiplication & Division Level 2   Module 5: Multiplication by Two<br>Digits<br>Unit 5: Multiplication & Division Level 2   Module 5: Multiplication by Two<br>Digits<br>Unit 5: Multiplication & Division Level 2   Module 6: Division 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 |

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

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

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

Unit 8: Fractions, Decimals & Percents Level 2 | Module 6: Mixed Practice

Unit 8: Fractions, Decimals & Percents Level 2 | Module 7: Application

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

Unit 9: Measurement, Geometry & Data | Module 8: Data Analysis

Unit 10: Algebra | Module 1: Operations & Equations

Unit 10: Algebra | Module 2: Ratios & Proportions

Unit 10: Algebra | Module 4: Expressions

|       |  | Unit 10: Algebra   Module 5: Variables<br>Unit 10: Algebra   Module 6: Patterns & Structure<br>Unit 10: Algebra   Module 7: Geometry   |
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| MP.2. | Reason abstractly and<br>quantitatively. | <ul> <li>Unit 4: Multiplication &amp; Division Level 1   Module 1: Skip Counting Review</li> <li>Unit 4: Multiplication &amp; Division Level 1   Module 5: Multiples &amp; Factors</li> <li>Unit 4: Multiplication &amp; Division Level 1   Module 6: Mixed Multiplication &amp; Division</li> <li>Unit 5: Multiplication &amp; Division Level 2   Module 2: Division by One Digit</li> <li>Unit 6: Mixed Operations with Whole Numbers   Module 2: Two-Four Digits by One Digit</li> <li>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits</li> <li>by Two Digits</li> <li>Unit 7: Fractions, Decimals &amp; Percents Level 1   Module 3: Inequalities</li> <li>Unit 8: Fractions, Decimals &amp; Percents Level 2   Module 6: Mixed Practice</li> <li>Unit 9: Measurement, Geometry &amp; Data   Module 2: Lines &amp; Angles</li> <li>Unit 9: Measurement, Geometry &amp; Data   Module 4: Perimeter, Area &amp; Volume</li> <li>Unit 10: Algebra   Module 4: Expressions</li> <li>Unit 10: Algebra   Module 5: Variables</li> <li>Unit 10: Algebra   Module 6: Patterns &amp; Structure</li> </ul> |
| 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 &<br>Division<br>Unit 5: Multiplication & Division Level 2   Module 1: Multiplication by One<br>Digit<br>Unit 5: Multiplication & Division Level 2   Module 2: Division by One Digit  |

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 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 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 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

Unit 9: Measurement, Geometry & Data | Module 8: Data Analysis

|       |                                      | 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 |
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| MP.5. | Use appropriate tools strategically. | Unit 5: Multiplication & Division Level 2   Module 6: Division by Two Digits  |
|       |                                      | Unit 5: Multiplication & Division Level 2   Module 7: Mixed Practice<br>Unit 6: Mixed Operations with Whole Numbers   Module 6: Mixed Practice<br>with Operations   |
|       |                                      | Unit 9: Measurement, Geometry & Data   Module 2: Lines & Angles<br>Unit 9: Measurement, Geometry & Data   Module 3: Classification of 2-D<br>Figures  |
| MP.7. | Look for and make use of structure.  | Unit 4: Multiplication & Division Level 1   Module 1: Skip Counting Review  |
|       |                                      | 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 2: Division by One Digit   |
|       |                                      | 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 7: Fractions, Decimals & Percents Level 1   Module 3: Inequalities   |
|       |                                      | Unit 8: Fractions, Decimals & Percents Level 2   Module 6: Mixed Practice   |
|       |                                      | Unit 9: Measurement, Geometry & Data   Module 2: Lines & Angles   |
|       |                                      | Unit 9: Measurement, Geometry & Data   Module 4: Perimeter, Area & Volume   |
|       |                                      | Unit 10: Algebra   Module 4: Expressions  |

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

| 5.OA.  | Operations and Algebraic Thinking          |   |
|--------|--|---|
|        | Write and interpret numerical expressions. |   |
| 5.NBT. | Number and Operations in Base<br>Ten       | Unit 10: Algebra   Module 1: Operations & Equations   |
|        | Understand the place value system.         | Unit 5: Multiplication & Division Level 2   Module 3: Multiplication Using the<br>Algorithm<br>Unit 6: Mixed Operations with Whole Numbers   Module 3: Two-Four Digits<br>by Two 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<br>with Operations<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<br>Fractions, Decimals & Percents Level 1   Module 8: Relationships of<br>Fractions, Decimals & Percents Level 2   Module 3: Addition &<br>Subtraction of Decimals<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 4: Multiplication &<br>Division of Decimals<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 5: Percents<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 5: Percents<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 5: Mixed Practice<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 6: Mixed Practice<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 6: Mixed Practice<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 6: Mixed Practice<br>Unit 8: Fractions, Decimals & Percents Level 2   Module 6: Mixed Review<br>Unit 10: Algebra   Module 1: Operations & Equations<br>Unit 10: Algebra   Module 6: Patterns & Structure |

|       |  | 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<br>understandings of multiplication<br>and division to multiply and divide<br>fractions. | Unit 4: Multiplication & Division Level 1   Module 2: Multiplication   |
|       |  | Unit 4: Multiplication & Division Level 1   Module 5: Multiples & Factors<br>Unit 4: Multiplication & Division Level 1   Module 6: Mixed Multiplication &<br>Division  |
|       |  | Unit 7: Fractions, Decimals & Percents Level 1   Module 1: Understanding<br>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 8: Fractions, Decimals & Percents Level 2   Module 2: Multiplication & Division of Fractions  |
|       |  | 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 |
| 5.MD. | Measurement and Data   |  |
|       | 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<br>Unit 9: Measurement, Geometry & Data   Module 8: Data Analysis                            |
|------|--|---|
|      | Geometric measurement:<br>understand concepts of volume<br>and relate volume to multiplication<br>and to addition. | Unit 9. Measurement, Geometry & Data   Module 8. Data Analysis  |
|      |  | Unit 9: Measurement, Geometry & Data   Module 4: Perimeter, Area &<br>Volume<br>Unit 10: Algebra   Module 4: Expressions<br>Unit 10: Algebra   Module 7: Geometry |
| 5.G. |  | Geometry  |
|      | Graph points on the coordinate<br>plane to solve real-world and<br>mathematical problems.                          | Unit 9: Measurement, Geometry & Data   Module 7: Data Representation  |
|      |  | 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<br>into categories based on their<br>properties.                                  |   |
|      |  | Unit 9: Measurement, Geometry & Data   Module 1: 2-D Shapes<br>Unit 9: Measurement, Geometry & Data   Module 3: Classification of 2-D<br>Figures                  |