

Illinois Learning Standards

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

Mathematics

Grade: K - Adopted: 2010

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
K-12.MP.1.	Make sense of problems and persevere in solving them.	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 5: Word Problems
K-12.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
K-12.MP.5.	Use appropriate tools strategically.	Unit 4: Measurement, Geometry, & Data Module 4: 2-D Shapes

K-12.MP.7.	Look for and make use of structure.	<p>Unit 1: Numbers & Operations Level 1 Module 1: Representing 0-3</p> <p>Unit 1: Numbers & Operations Level 1 Module 2: Representing 4-5</p> <p>Unit 2: Number & Operations Level 2 Module 1: Representing 6-7</p> <p>Unit 2: Number & Operations Level 2 Module 2: Representing 8-9</p> <p>Unit 2: Number & Operations Level 2 Module 6: Composing & Decomposing</p> <p>Unit 3: Number & Operations Level 3 Module 1: Composing & Decomposing 10</p> <p>Unit 3: Number & Operations Level 3 Module 2: Numbers 10-15</p> <p>Unit 3: Number & Operations Level 3 Module 3: Numbers 16-20</p> <p>Unit 3: Number & Operations Level 3 Module 4: Place Value</p> <p>Unit 4: Measurement, Geometry, & Data Module 3: Data</p> <p>Unit 4: Measurement, Geometry, & Data Module 4: 2-D Shapes</p> <p>Unit 4: Measurement, Geometry, & Data Module 5: 3-D Shapes</p> <p>Unit 4: Measurement, Geometry, & Data Module 6: Shapes in the Environment</p>
IL.K.CC.	Counting and Cardinality	Counting and Cardinality
	Know number names and the count sequence.	<p>Unit 1: Numbers & Operations Level 1 Module 1: Representing 0-3</p> <p>Unit 1: Numbers & Operations Level 1 Module 2: Representing 4-5</p> <p>Unit 1: Numbers & Operations Level 1 Module 3: Comparing</p> <p>Unit 1: Numbers & Operations Level 1 Module 6: Addition & Subtraction</p> <p>Unit 2: Number & Operations Level 2 Module 1: Representing 6-7</p> <p>Unit 2: Number & Operations Level 2 Module 2: Representing 8-9</p>

		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 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 Unit 4: Measurement, Geometry, & Data Module 2: Sorting & Classifying
	Compare 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 Unit 3: Number & Operations Level 3 Module 2: Numbers 10-15 Unit 3: Number & Operations Level 3 Module 3: Numbers 16-20 Unit 4: Measurement, Geometry, & Data Module 3: Data
IL.K.OA.	Operations and Algebraic Thinking	Operations and Algebraic Thinking
	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 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
IL.K.NBT.	Number and Operations in Base Ten	Number and Operations in Base Ten
	Work with numbers 11-19 to gain foundations for place value.	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
IL.K.MD.	Measurement and Data	Measurement and Data

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

Grade: 1 - Adopted: 2010

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
K-12.MP.1.	Make sense of problems and persevere in solving them.	<p>Unit 1: Numbers & Operations Level 1 Module 3: Within 5</p> <p>Unit 1: Numbers & Operations Level 1 Module 4: Addition within 9</p> <p>Unit 1: Numbers & Operations Level 1 Module 5: Subtraction within 9</p> <p>Unit 1: Numbers & Operations Level 1 Module 6: Within 9</p> <p>Unit 2: Numbers & Operations Level 2 Module 2: Addition within 13</p> <p>Unit 2: Numbers & Operations Level 2 Module 3: Addition within 20</p> <p>Unit 2: Numbers & Operations Level 2 Module 4: Backward Counting</p> <p>Unit 2: Numbers & Operations Level 2 Module 5: Subtraction within 20</p> <p>Unit 2: Numbers & Operations Level 2 Module 6: Within 20</p> <p>Unit 3: Numbers & Operations Level 3 Module 2: Addition within 100</p> <p>Unit 3: Numbers & Operations Level 3 Module 3: Mixed Addition</p> <p>Unit 3: Numbers & Operations Level 3 Module 4: Addition Strategies</p> <p>Unit 3: Numbers & Operations Level 3 Module 5: Subtraction within 100</p> <p>Unit 3: Numbers & Operations Level 3 Module 6: Subtraction Strategies</p> <p>Unit 3: Numbers & Operations Level 3 Module 7: Within 100</p> <p>Unit 4: Measurement, Geometry & Data Module 1: Time & Money</p> <p>Unit 4: Measurement, Geometry & Data Module 2: Length</p>
K-12.MP.2.	Reason abstractly and quantitatively.	<p>Unit 2: Numbers & Operations Level 2 Module 4: Backward Counting</p>

		Unit 2: Numbers & Operations Level 2 Module 5: Subtraction within 20
K-12.MP.4.	Model with mathematics.	<p>Unit 1: Numbers & Operations Level 1 Module 1: Counting</p> <p>Unit 1: Numbers & Operations Level 1 Module 2: TouchPoints</p> <p>Unit 1: Numbers & Operations Level 1 Module 4: Addition within 9</p> <p>Unit 2: Numbers & Operations Level 2 Module 1: Place Value</p> <p>Unit 2: Numbers & Operations Level 2 Module 2: Addition within 13</p> <p>Unit 2: Numbers & Operations Level 2 Module 3: Addition within 20</p> <p>Unit 2: Numbers & Operations Level 2 Module 5: Subtraction within 20</p> <p>Unit 2: Numbers & Operations Level 2 Module 6: Within 20</p> <p>Unit 3: Numbers & Operations Level 3 Module 1: Place Value</p> <p>Unit 3: Numbers & Operations Level 3 Module 2: Addition within 100</p> <p>Unit 3: Numbers & Operations Level 3 Module 3: Mixed Addition</p> <p>Unit 3: Numbers & Operations Level 3 Module 4: Addition Strategies</p> <p>Unit 3: Numbers & Operations Level 3 Module 5: Subtraction within 100</p> <p>Unit 3: Numbers & Operations Level 3 Module 6: Subtraction Strategies</p> <p>Unit 3: Numbers & Operations Level 3 Module 7: Within 100</p> <p>Unit 4: Measurement, Geometry & Data Module 2: Length</p> <p>Unit 4: Measurement, Geometry & Data Module 3: Data</p> <p>Unit 4: Measurement, Geometry & Data Module 5: 3-D Shapes</p>
K-12.MP.5.	Use appropriate tools strategically.	<p>Unit 4: Measurement, Geometry & Data Module 2: Length</p>
K-12.MP.7.	Look for and make use of structure.	

		<p>Unit 1: Numbers & Operations Level 1 Module 2: TouchPoints</p> <p>Unit 2: Numbers & Operations Level 2 Module 1: Place Value</p> <p>Unit 2: Numbers & Operations Level 2 Module 5: Subtraction within 20</p> <p>Unit 3: Numbers & Operations Level 3 Module 1: Place Value</p> <p>Unit 3: Numbers & Operations Level 3 Module 2: Addition within 100</p> <p>Unit 3: Numbers & Operations Level 3 Module 3: Mixed Addition</p> <p>Unit 3: Numbers & Operations Level 3 Module 4: Addition Strategies</p> <p>Unit 3: Numbers & Operations Level 3 Module 5: Subtraction within 100</p> <p>Unit 3: Numbers & Operations Level 3 Module 6: Subtraction Strategies</p> <p>Unit 3: Numbers & Operations Level 3 Module 7: Within 100</p> <p>Unit 4: Measurement, Geometry & Data Module 1: Time & Money</p> <p>Unit 4: Measurement, Geometry & Data Module 2: Length</p> <p>Unit 4: Measurement, Geometry & Data Module 3: Data</p> <p>Unit 4: Measurement, Geometry & Data Module 4: 2-D Shapes</p> <p>Unit 4: Measurement, Geometry & Data Module 5: 3-D Shapes</p> <p>Unit 4: Measurement, Geometry & Data Module 6: Fractional Parts of Shapes</p>
IL.1.OA.	Operations and Algebraic Thinking	Operations and Algebraic Thinking
	Represent and solve problems involving addition and subtraction.	<p>Unit 1: Numbers & Operations Level 1 Module 4: Addition within 9</p> <p>Unit 1: Numbers & Operations Level 1 Module 5: Subtraction within 9</p> <p>Unit 1: Numbers & Operations Level 1 Module 6: Within 9</p> <p>Unit 2: Numbers & Operations Level 2 Module 3: Addition within 20</p>

		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
	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.	

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

		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
IL.1.NBT.	Number and Operations in Base Ten	Number and Operations in Base 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 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 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 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 5: Subtraction within 100 Unit 3: Numbers & Operations Level 3 Module 6: Subtraction Strategies 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 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 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
IL.1.MD.	Measurement and Data	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.	Unit 4: Measurement, Geometry & Data Module 3: Data
IL.1.G.	Geometry	Geometry
	Reason with shapes and their attributes.	Unit 4: Measurement, Geometry & Data Module 4: 2-D Shapes Unit 4: Measurement, Geometry & Data Module 5: 3-D Shapes Unit 4: Measurement, Geometry & Data Module 6: Fractional Parts of Shapes

Grade: 2 - Adopted: 2010

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
K-12.MP.1.	Make sense of problems and persevere in solving them.	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 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 Unit 1: Addition & Subtraction Level 1 Module 5: Subtraction with Regrouping Unit 1: Addition & Subtraction Level 1 Module 6: Mixed Regrouping Unit 2: Addition & Subtraction Level 2 Module 4: Addition within 100 Unit 2: Addition & Subtraction Level 2 Module 5: Subtraction within 100

		<p>Unit 2: Addition & Subtraction Level 2 Module 6: Within 100</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 1: Multiples of 10 & 100</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 2: Addition within 1,000</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 3: Subtraction within 1,000</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 4: Mixed Operations</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 5: Multiplication 1</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 6: Multiplication 2</p> <p>Unit 4: Measurement, Geometry & Data Module 1: Time</p> <p>Unit 4: Measurement, Geometry & Data Module 2: Money</p> <p>Unit 4: Measurement, Geometry & Data Module 3: Data</p> <p>Unit 4: Measurement, Geometry & Data Module 4: Measurement</p> <p>Unit 4: Measurement, Geometry & Data Module 5: Operations with Length</p>
K-12.MP.2.	Reason abstractly and quantitatively.	<p>Unit 1: Addition & Subtraction Level 1 Module 4: Addition with Regrouping</p> <p>Unit 2: Addition & Subtraction Level 2 Module 6: Within 100</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 2: Addition within 1,000</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 3: Subtraction within 1,000</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 4: Mixed Operations</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 5: Multiplication 1</p> <p>Unit 4: Measurement, Geometry & Data Module 6: Geometry</p>
K-12.MP.4.	Model with mathematics.	<p>Unit 1: Addition & Subtraction Level 1 Module 2: Addition</p> <p>Unit 1: Addition & Subtraction Level 1 Module 3: Backward Counting</p>

		Unit 1: Addition & Subtraction Level 1 Module 4: Subtraction Unit 1: Addition & Subtraction Level 1 Module 3: Within 50 Unit 1: Addition & Subtraction Level 1 Module 4: Addition with Regrouping Unit 1: Addition & Subtraction Level 1 Module 5: Subtraction with Regrouping Unit 1: Addition & Subtraction Level 1 Module 6: Mixed Regrouping Unit 2: Addition & Subtraction Level 2 Module 1: Place Value Unit 2: Addition & Subtraction Level 2 Module 2: Counting & Reading Unit 2: Addition & Subtraction Level 2 Module 4: Addition within 100 Unit 2: Addition & Subtraction Level 2 Module 5: Subtraction within 100 Unit 2: Addition & Subtraction Level 2 Module 6: Within 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 4: Mixed Operations Unit 4: Measurement, Geometry & Data Module 3: Data Unit 4: Measurement, Geometry & Data Module 6: Geometry
K-12.MP.5.	Use appropriate tools strategically.	Unit 4: Measurement, Geometry & Data Module 3: Data Unit 4: Measurement, Geometry & Data Module 4: Measurement Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
K-12.MP.6.	Attend to precision.	Unit 4: Measurement, Geometry & Data Module 4: Measurement Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
K-12.MP.7.	Look for and make use of structure.	

		<p>Unit 1: Addition & Subtraction Level 1 Module 1: Forward Counting</p> <p>Unit 1: Addition & Subtraction Level 1 Module 3: Backward Counting</p> <p>Unit 1: Addition & Subtraction Level 1 Module 4: Subtraction</p> <p>Unit 1: Addition & Subtraction Level 1 Module 1: Within 13</p> <p>Unit 1: Addition & Subtraction Level 1 Module 2: Within 20</p> <p>Unit 1: Addition & Subtraction Level 1 Module 3: Within 50</p> <p>Unit 1: Addition & Subtraction Level 1 Module 4: Addition with Regrouping</p> <p>Unit 1: Addition & Subtraction Level 1 Module 5: Subtraction with Regrouping</p> <p>Unit 1: Addition & Subtraction Level 1 Module 6: Mixed Regrouping</p> <p>Unit 2: Addition & Subtraction Level 2 Module 1: Place Value</p> <p>Unit 2: Addition & Subtraction Level 2 Module 2: Counting & Reading</p> <p>Unit 2: Addition & Subtraction Level 2 Module 3: Reading & Writing</p> <p>Unit 2: Addition & Subtraction Level 2 Module 4: Addition within 100</p> <p>Unit 2: Addition & Subtraction Level 2 Module 5: Subtraction within 100</p> <p>Unit 2: Addition & Subtraction Level 2 Module 6: Within 100</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 6: Multiplication 2</p> <p>Unit 4: Measurement, Geometry & Data Module 1: Time</p> <p>Unit 4: Measurement, Geometry & Data Module 2: Money</p> <p>Unit 4: Measurement, Geometry & Data Module 4: Measurement</p> <p>Unit 4: Measurement, Geometry & Data Module 5: Operations with Length</p> <p>Unit 4: Measurement, Geometry & Data Module 6: Geometry</p>
K-12.MP.8.	Look for and express regularity in 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 Unit 3: Operations with Multi-Digit Numbers Module 6: Multiplication 2
IL.2.OA.	Operations and Algebraic Thinking	Operations and Algebraic Thinking
	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 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 Unit 1: Addition & Subtraction Level 1 Module 5: Subtraction with Regrouping Unit 1: Addition & Subtraction Level 1 Module 6: Mixed Regrouping Unit 2: Addition & Subtraction Level 2 Module 4: Addition within 100 Unit 2: Addition & Subtraction Level 2 Module 5: Subtraction within 100 Unit 2: Addition & Subtraction Level 2 Module 6: Within 100 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 4: Mixed Operations
	Add and subtract within 20.	

		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 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 Unit 1: Addition & Subtraction Level 1 Module 5: Subtraction with Regrouping Unit 1: Addition & Subtraction Level 1 Module 6: Mixed Regrouping Unit 2: Addition & Subtraction Level 2 Module 4: Addition within 100 Unit 2: Addition & Subtraction Level 2 Module 5: Subtraction within 100 Unit 2: Addition & Subtraction Level 2 Module 6: Within 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 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 Unit 3: Operations with Multi-Digit Numbers Module 6: Multiplication 2 Unit 4: Measurement, Geometry & Data Module 6: Geometry
IL.2.NBT.	Number and Operations in Base Ten	Number and Operations in Base Ten
	Understand place value.	Unit 1: Addition & Subtraction Level 1 Module 1: Forward Counting Unit 1: Addition & Subtraction Level 1 Module 2: Addition

		<p>Unit 1: Addition & Subtraction Level 1 Module 3: Backward Counting</p> <p>Unit 1: Addition & Subtraction Level 1 Module 4: Subtraction</p> <p>Unit 2: Addition & Subtraction Level 2 Module 1: Place Value</p> <p>Unit 2: Addition & Subtraction Level 2 Module 2: Counting & Reading</p> <p>Unit 2: Addition & Subtraction Level 2 Module 3: Reading & Writing</p> <p>Unit 2: Addition & Subtraction Level 2 Module 6: Within 100</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 1: Multiples of 10 & 100</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 2: Addition within 1,000</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 3: Subtraction within 1,000</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 4: Mixed Operations</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 6: Multiplication 2</p> <p>Unit 4: Measurement, Geometry & Data Module 1: Time</p> <p>Unit 4: Measurement, Geometry & Data Module 2: Money</p>
	Use place value understanding and properties of operations to add and subtract.	<p>Unit 1: Addition & Subtraction Level 1 Module 2: Addition</p> <p>Unit 1: Addition & Subtraction Level 1 Module 4: Subtraction</p> <p>Unit 1: Addition & Subtraction Level 1 Module 2: Within 20</p> <p>Unit 1: Addition & Subtraction Level 1 Module 3: Within 50</p> <p>Unit 1: Addition & Subtraction Level 1 Module 4: Addition with Regrouping</p> <p>Unit 1: Addition & Subtraction Level 1 Module 5: Subtraction with Regrouping</p> <p>Unit 1: Addition & Subtraction Level 1 Module 6: Mixed Regrouping</p> <p>Unit 2: Addition & Subtraction Level 2 Module 1: Place Value</p> <p>Unit 2: Addition & Subtraction Level 2 Module 4: Addition within 100</p>

		Unit 2: Addition & Subtraction Level 2 Module 5: Subtraction within 100 Unit 2: Addition & Subtraction Level 2 Module 6: Within 100 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 4: Mixed Operations
IL.2.MD.	Measurement and Data	Measurement and Data
	Measure and estimate lengths in standard units.	Unit 4: Measurement, Geometry & Data Module 3: Data Unit 4: Measurement, Geometry & Data Module 4: Measurement 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 Unit 4: Measurement, Geometry & Data Module 2: Money
	Represent and interpret data.	Unit 4: Measurement, Geometry & Data Module 3: Data
IL.2.G.	Geometry	Geometry
	Reason with shapes and their attributes.	

Unit 3: Operations with Multi-Digit Numbers | Module 6: Multiplication 2
 Unit 4: Measurement, Geometry & Data | Module 6: Geometry

Grade: 3 - Adopted: 2010

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
K-12.MP.1.	Make sense of problems and persevere in solving them.	<p>Unit 1: Addition & Subtraction Level 1 Module 2: Addition</p> <p>Unit 1: Addition & Subtraction Level 1 Module 4: Subtraction</p> <p>Unit 1: Addition & Subtraction Level 1 Module 5: Fact Families</p> <p>Unit 1: Addition & Subtraction Level 1 Module 6: Place Value</p> <p>Unit 1: Addition & Subtraction Level 1 Module 7: Strategies</p> <p>Unit 1: Addition & Subtraction Level 1 Module 8: Mixed Addition & Subtraction</p> <p>Unit 2: Addition & Subtraction Level 2 Module 1: Counting to 1,000</p> <p>Unit 2: Addition & Subtraction Level 2 Module 2: Within 20</p> <p>Unit 2: Addition & Subtraction Level 2 Module 4: Within 100</p> <p>Unit 2: Addition & Subtraction Level 2 Module 5: Strategies</p> <p>Unit 2: Addition & 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 & Division Level 1 Module 1: Skip Counting Review</p> <p>Unit 4: Multiplication & Division Level 1 Module 2: Multiplication</p>

		<p>Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit</p> <p>Unit 5: Multiplication & 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>
K-12.MP.2.	Reason abstractly and quantitatively.	<p>Unit 2: Addition & Subtraction Level 2 Module 1: Counting to 1,000</p> <p>Unit 2: Addition & Subtraction Level 2 Module 2: Within 20</p> <p>Unit 2: Addition & 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> <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 & Division Level 1 Module 1: Skip Counting Review</p> <p>Unit 5: Multiplication & 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>
K-12.MP.4.	Model with mathematics.	<p>Unit 1: Addition & Subtraction Level 1 Module 2: Addition</p> <p>Unit 1: Addition & Subtraction Level 1 Module 3: Backward Counting</p> <p>Unit 1: Addition & Subtraction Level 1 Module 4: Subtraction</p>

		<p>Unit 1: Addition & Subtraction Level 1 Module 6: Place Value</p> <p>Unit 1: Addition & Subtraction Level 1 Module 7: Strategies</p> <p>Unit 1: Addition & Subtraction Level 1 Module 8: Mixed Addition & Subtraction</p> <p>Unit 2: Addition & Subtraction Level 2 Module 4: Within 100</p> <p>Unit 2: Addition & Subtraction Level 2 Module 5: Strategies</p> <p>Unit 2: Addition & 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 & Division Level 1 Module 2: Multiplication</p> <p>Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit</p> <p>Unit 5: Multiplication & 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 & Percents Level 1 Module 1: Understanding Fractions</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 2: Application of Concepts</p>
K-12.MP.7.	Look for and make use of structure.	<p>Unit 1: Addition & Subtraction Level 1 Module 1: Forward Counting</p> <p>Unit 1: Addition & Subtraction Level 1 Module 3: Backward Counting</p> <p>Unit 1: Addition & Subtraction Level 1 Module 4: Subtraction</p> <p>Unit 1: Addition & Subtraction Level 1 Module 5: Fact Families</p> <p>Unit 1: Addition & Subtraction Level 1 Module 6: Place Value</p>

		<p>Unit 1: Addition & Subtraction Level 1 Module 7: Strategies</p> <p>Unit 1: Addition & Subtraction Level 1 Module 8: Mixed Addition & Subtraction</p> <p>Unit 2: Addition & Subtraction Level 2 Module 1: Counting to 1,000</p> <p>Unit 2: Addition & Subtraction Level 2 Module 3: Place Value</p> <p>Unit 2: Addition & Subtraction Level 2 Module 4: Within 100</p> <p>Unit 2: Addition & Subtraction Level 2 Module 5: Strategies</p> <p>Unit 2: Addition & Subtraction Level 2 Module 6: Three-Digit Numbers</p> <p>Unit 4: Multiplication & 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> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 1: Understanding Fractions</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 2: Application of Concepts</p> <p>Unit 9: Measurement, Geometry & Data Module 1: 2-D Shapes</p>
K-12.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> <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 6: Mixed Operations with Whole Numbers Module 2: Two–Four Digits by One Digit</p> <p>Unit 6: Mixed Operations with Whole Numbers Module 4: Three–Four Digits by Three Digits</p>
IL.3.OA.	Operations and Algebraic Thinking	Operations and Algebraic Thinking

	Represent and solve problems involving multiplication and division.	<p>Unit 4: Multiplication & Division Level 1 Module 2: Multiplication</p> <p>Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit</p> <p>Unit 5: Multiplication & 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>
	Understand properties of multiplication and the relationship between multiplication and division.	<p>Unit 1: Addition & Subtraction Level 1 Module 5: Fact Families</p> <p>Unit 1: Addition & Subtraction Level 1 Module 7: Strategies</p> <p>Unit 1: Addition & Subtraction Level 1 Module 8: Mixed Addition & Subtraction</p> <p>Unit 2: Addition & Subtraction Level 2 Module 2: Within 20</p> <p>Unit 2: Addition & Subtraction Level 2 Module 5: Strategies</p> <p>Unit 4: Multiplication & 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>
	Multiply and divide within 100.	<p>Unit 4: Multiplication & Division Level 1 Module 2: Multiplication</p>

		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 Digits by Three Digits
	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 Unit 6: Mixed Operations with Whole Numbers Module 4: Three–Four Digits by Three Digits
IL.3.NBT.	Number and Operations in Base Ten	Number and Operations in Base Ten
	Use place value understanding and properties of operations to perform multi-digit arithmetic.	Unit 1: Addition & Subtraction Level 1 Module 2: Addition 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 3: Place Value 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 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
IL.3.NF.	Number and Operations--Fractions	Number and Operations--Fractions
	Develop understanding of fractions as numbers.	Unit 7: Fractions, Decimals & Percents Level 1 Module 1: Understanding Fractions

		Unit 7: Fractions, Decimals & Percents Level 1 Module 2: Application of Concepts
IL.3.MD.	Measurement and Data	Measurement and Data
	Represent and interpret data.	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
	Geometric measurement: understand concepts of area and relate area to multiplication and to addition.	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 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
IL.3.G.	Geometry	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: 4 - Adopted: 2010

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
K-12.MP.1.	Make sense of problems and persevere in solving them.	<p>Unit 1: Addition & Subtraction Level 1 Module 5: Fact Families</p> <p>Unit 1: Addition & Subtraction Level 1 Module 6: Place Value</p> <p>Unit 1: Addition & Subtraction Level 1 Module 7: Strategies</p> <p>Unit 1: Addition & Subtraction Level 1 Module 8: Mixed Addition & Subtraction</p> <p>Unit 2: Addition & Subtraction Level 2 Module 1: Counting to 1,000</p> <p>Unit 2: Addition & Subtraction Level 2 Module 2: Within 20</p> <p>Unit 2: Addition & Subtraction Level 2 Module 4: Within 100</p> <p>Unit 2: Addition & Subtraction Level 2 Module 5: Strategies</p> <p>Unit 2: Addition & 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 & Division Level 1 Module 1: Skip Counting Review</p> <p>Unit 4: Multiplication & Division Level 1 Module 2: Multiplication</p> <p>Unit 4: Multiplication & Division Level 1 Module 3: Division</p>

		<p>Unit 4: Multiplication & Division Level 1 Module 4: Strategies</p> <p>Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors</p> <p>Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division</p> <p>Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit</p> <p>Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit</p> <p>Unit 5: Multiplication & Division Level 2 Module 3: Multiplication Using the Algorithm</p> <p>Unit 5: Multiplication & Division Level 2 Module 4: Division Using the Algorithm</p> <p>Unit 5: Multiplication & Division Level 2 Module 5: Multiplication by Two Digits</p> <p>Unit 5: Multiplication & Division Level 2 Module 6: Division by Two Digits</p> <p>Unit 5: Multiplication & 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 & Percents Level 2 Module 1: Addition & Subtraction of Fractions</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 2: Multiplication & Division of Fractions</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review</p>
		Unit 10: Algebra Module 1: Operations & Equations
K-12.MP.2.	Reason abstractly and quantitatively.	

		<p>Unit 2: Addition & Subtraction Level 2 Module 1: Counting to 1,000</p> <p>Unit 2: Addition & Subtraction Level 2 Module 2: Within 20</p> <p>Unit 2: Addition & 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> <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 & Division Level 1 Module 1: Skip Counting Review</p> <p>Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors</p> <p>Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division</p> <p>Unit 5: Multiplication & 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 9: Measurement, Geometry & Data Module 2: Lines & Angles</p>
K-12.MP.4.	Model with mathematics.	<p>Unit 1: Addition & Subtraction Level 1 Module 6: Place Value</p> <p>Unit 1: Addition & Subtraction Level 1 Module 7: Strategies</p> <p>Unit 1: Addition & Subtraction Level 1 Module 8: Mixed Addition & Subtraction</p> <p>Unit 2: Addition & Subtraction Level 2 Module 4: Within 100</p> <p>Unit 2: Addition & Subtraction Level 2 Module 5: Strategies</p> <p>Unit 2: Addition & 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 & Division Level 1 Module 2: Multiplication</p> <p>Unit 4: Multiplication & Division Level 1 Module 3: Division</p> <p>Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division</p> <p>Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit</p> <p>Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit</p> <p>Unit 5: Multiplication & Division Level 2 Module 5: Multiplication by Two Digits</p> <p>Unit 5: Multiplication & 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 & Percents Level 1 Module 1: Understanding Fractions</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 2: Application of Concepts</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 1: Addition & Subtraction of Fractions</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 2: Multiplication & Division of Fractions</p>
K-12.MP.5.	Use appropriate tools strategically.	<p>Unit 5: Multiplication & Division Level 2 Module 6: Division by Two Digits</p> <p>Unit 5: Multiplication & 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 & Data Module 2: Lines & Angles</p>
K-12.MP.7.	Look for and make use of structure.	<p>Unit 1: Addition & Subtraction Level 1 Module 5: Fact Families</p> <p>Unit 1: Addition & Subtraction Level 1 Module 6: Place Value</p> <p>Unit 1: Addition & Subtraction Level 1 Module 7: Strategies</p>

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 3: Place Value

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 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 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 1: Understanding Fractions

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

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 9: Measurement, Geometry & Data Module 1: 2-D Shapes Unit 9: Measurement, Geometry & Data Module 2: Lines & Angles
		Unit 10: Algebra Module 1: Operations & Equations
K-12.MP.8.	Look for and express regularity in repeated reasoning.	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 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 2: Two–Four Digits by One Digit 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 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
IL.4.OA.	Operations and Algebraic Thinking	Operations and Algebraic Thinking
	Use the four operations with whole numbers to solve problems.	

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 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 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
	Gain familiarity with factors and multiples.	Unit 3: Skip Counting Module 8: Skip Counting by 9 Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors
	Generate and analyze patterns.	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 5: Multiples & Factors
	Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors	
IL.4.NBT.	Number and Operations in Base Ten	Number and Operations in Base Ten
	Generalize place value understanding for multi-digit whole numbers.	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 3: Place Value Unit 2: Addition & Subtraction Level 2 Module 4: Within 100 Unit 2: Addition & Subtraction Level 2 Module 5: Strategies

		<p>Unit 2: Addition & Subtraction Level 2 Module 6: Three-Digit Numbers</p> <p>Unit 5: Multiplication & Division Level 2 Module 3: Multiplication Using the Algorithm</p> <p>Unit 5: Multiplication & Division Level 2 Module 7: Mixed Practice</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>
	Use place value understanding and properties of operations to perform multi-digit arithmetic.	<p>Unit 1: Addition & Subtraction Level 1 Module 7: Strategies</p> <p>Unit 1: Addition & Subtraction Level 1 Module 8: Mixed Addition & Subtraction</p> <p>Unit 2: Addition & Subtraction Level 2 Module 2: Within 20</p> <p>Unit 2: Addition & Subtraction Level 2 Module 4: Within 100</p> <p>Unit 2: Addition & Subtraction Level 2 Module 5: Strategies</p> <p>Unit 2: Addition & 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 & Division Level 1 Module 2: Multiplication</p> <p>Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division</p> <p>Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit</p>

		<p>Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit</p> <p>Unit 5: Multiplication & Division Level 2 Module 3: Multiplication Using the Algorithm</p> <p>Unit 5: Multiplication & Division Level 2 Module 4: Division Using the Algorithm</p> <p>Unit 5: Multiplication & Division Level 2 Module 5: Multiplication by Two Digits</p> <p>Unit 5: Multiplication & 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>
IL.4.NF.	Number and Operations--Fractions	Number and Operations--Fractions
	Extend understanding of fraction equivalence and ordering.	<p>Unit 7: Fractions, Decimals & Percents Level 1 Module 1: Understanding Fractions</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 2: Application of Concepts</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 1: Addition & Subtraction of Fractions</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review</p>
	Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.	<p>Unit 7: Fractions, Decimals & Percents Level 1 Module 1: Understanding Fractions</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 2: Application of Concepts</p>

		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 7: Application Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review
	Understand decimal notation for fractions, and compare decimal fractions.	Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review
IL.4.MD.	Measurement and Data	Measurement and Data
	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 Unit 9: Measurement, Geometry & Data Module 2: Lines & Angles
IL.4.G.	Geometry	Geometry
	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 Unit 9: Measurement, Geometry & Data Module 1: 2-D Shapes

Grade: 5 - Adopted: 2010

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
K-12.MP.1.	Make sense of problems and persevere in solving them.	<p>Unit 4: Multiplication & Division Level 1 Module 1: Skip Counting Review</p> <p>Unit 4: Multiplication & Division Level 1 Module 2: Multiplication</p> <p>Unit 4: Multiplication & Division Level 1 Module 3: Division</p> <p>Unit 4: Multiplication & Division Level 1 Module 4: Strategies</p> <p>Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors</p> <p>Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division</p> <p>Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit</p> <p>Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit</p> <p>Unit 5: Multiplication & Division Level 2 Module 3: Multiplication Using the Algorithm</p> <p>Unit 5: Multiplication & Division Level 2 Module 4: Division Using the Algorithm</p> <p>Unit 5: Multiplication & Division Level 2 Module 5: Multiplication by Two Digits</p> <p>Unit 5: Multiplication & Division Level 2 Module 6: Division by Two Digits</p> <p>Unit 5: Multiplication & 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 7: Fractions, Decimals & Percents Level 1 Module 8: Relationships of Fractions, Decimals & Percents</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 1: Addition & Subtraction of Fractions</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 2: Multiplication & Division of Fractions</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 3: Addition & Subtraction of Decimals</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 4: Multiplication & Division of Decimals</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 5: Percents</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 6: Mixed Practice</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review</p> <p>Unit 9: Measurement, Geometry & Data Module 4: Perimeter, Area & Volume</p> <p>Unit 9: Measurement, Geometry & Data Module 5: Time, Money & Distance</p> <p>Unit 9: Measurement, Geometry & Data Module 6: Units of Measure</p> <p>Unit 9: Measurement, Geometry & Data Module 7: Data Representation</p> <p>Unit 9: Measurement, Geometry & Data Module 8: Data Analysis</p> <p>Unit 10: Algebra Module 1: Operations & Equations</p> <p>Unit 10: Algebra Module 2: Ratios & 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 & Structure</p> <p>Unit 10: Algebra Module 7: Geometry</p>
K-12.MP.2.	Reason abstractly and quantitatively.	<p>Unit 4: Multiplication & Division Level 1 Module 1: Skip Counting Review</p> <p>Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors</p> <p>Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division</p> <p>Unit 5: Multiplication & 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>

		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 Unit 10: Algebra Module 6: Patterns & Structure
K-12.MP.4.	Model with mathematics.	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 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 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

		<p>Unit 7: Fractions, Decimals & Percents Level 1 Module 7: Percents</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 8: Relationships of Fractions, Decimals & Percents</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 1: Addition & Subtraction of Fractions</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 2: Multiplication & Division of Fractions</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 3: Addition & Subtraction of Decimals</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 4: Multiplication & Division of Decimals</p> <p>Unit 9: Measurement, Geometry & Data Module 4: Perimeter, Area & Volume</p> <p>Unit 9: Measurement, Geometry & Data Module 5: Time, Money & Distance</p> <p>Unit 9: Measurement, Geometry & Data Module 6: Units of Measure</p> <p>Unit 9: Measurement, Geometry & Data Module 7: Data Representation</p> <p>Unit 9: Measurement, Geometry & Data Module 8: Data Analysis</p> <p>Unit 10: Algebra Module 2: Ratios & 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 & Structure</p> <p>Unit 10: Algebra Module 7: Geometry</p>
K-12.MP.5.	Use appropriate tools strategically.	<p>Unit 5: Multiplication & Division Level 2 Module 6: Division by Two Digits</p> <p>Unit 5: Multiplication & 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 & Data Module 2: Lines & Angles</p> <p>Unit 9: Measurement, Geometry & Data Module 3: Classification of 2-D Figures</p>
K-12.MP.7.	Look for and make use of structure.	<p>Unit 4: Multiplication & Division Level 1 Module 2: Multiplication</p>

Unit 4: Multiplication & Division Level 1 | Module 3: Division

Unit 4: Multiplication & Division Level 1 | Module 4: Strategies

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 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

		<p>Unit 8: Fractions, Decimals & Percents Level 2 Module 4: Multiplication & Division of Decimals</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 5: Percents</p> <p>Unit 9: Measurement, Geometry & Data Module 1: 2-D Shapes</p> <p>Unit 9: Measurement, Geometry & Data Module 2: Lines & Angles</p> <p>Unit 9: Measurement, Geometry & Data Module 3: Classification of 2-D Figures</p> <p>Unit 9: Measurement, Geometry & Data Module 4: Perimeter, Area & Volume</p> <p>Unit 9: Measurement, Geometry & Data Module 5: Time, Money & Distance</p> <p>Unit 9: Measurement, Geometry & Data Module 6: Units of Measure</p> <p>Unit 9: Measurement, Geometry & Data Module 7: Data Representation</p> <p>Unit 9: Measurement, Geometry & Data Module 8: Data Analysis</p>
		<p>Unit 10: Algebra Module 1: Operations & Equations</p> <p>Unit 10: Algebra Module 2: Ratios & 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 & Structure</p> <p>Unit 10: Algebra Module 7: Geometry</p>
K-12.MP.8.	Look for and express regularity in repeated reasoning.	<p>Unit 5: Multiplication & Division Level 2 Module 3: Multiplication Using the Algorithm</p> <p>Unit 5: Multiplication & Division Level 2 Module 4: Division Using the Algorithm</p> <p>Unit 5: Multiplication & Division Level 2 Module 5: Multiplication by Two Digits</p> <p>Unit 5: Multiplication & Division Level 2 Module 6: Division by Two Digits</p> <p>Unit 5: Multiplication & Division Level 2 Module 7: Mixed Practice</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 4: Three–Four Digits by Three Digits</p>

		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 9: Measurement, Geometry & Data Module 6: Units of Measure
IL.5.OA.	Operations and Algebraic Thinking	Operations and Algebraic Thinking
	Write and interpret numerical expressions.	Unit 10: Algebra Module 1: Operations & Equations
	Analyze patterns and relationships.	Unit 10: Algebra Module 6: Patterns & Structure
IL.5.NBT.	Number and Operations in Base Ten	Number and Operations in Base Ten
	Understand the place value system.	Unit 5: Multiplication & Division Level 2 Module 3: Multiplication Using the Algorithm Unit 6: Mixed Operations with Whole Numbers Module 3: Two–Four Digits by Two 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 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 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 10: Algebra Module 1: Operations & Equations 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 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 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 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 6: Mixed Practice Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review
IL.5.NF.	Number and Operations--Fractions	Number and Operations--Fractions

	Use equivalent fractions as a strategy to add and subtract fractions.	<p>Unit 8: Fractions, Decimals & Percents Level 2 Module 1: Addition & Subtraction of Fractions</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 2: Multiplication & Division of Fractions</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 6: Mixed Practice</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review</p>
	Apply and extend previous understandings of multiplication and division to multiply and divide fractions.	<p>Unit 4: Multiplication & Division Level 1 Module 2: Multiplication</p> <p>Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors</p> <p>Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 1: Understanding Fractions</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 2: Application of Concepts</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 3: Inequalities</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 4: Mixed Numbers</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 5: Fractions Review</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 2: Multiplication & Division of Fractions</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 6: Mixed Practice</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review</p>
		Unit 10: Algebra Module 5: Variables
IL.5.MD.	Measurement and Data	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 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 Unit 10: Algebra Module 4: Expressions Unit 10: Algebra Module 7: Geometry
IL.5.G.	Geometry	Geometry
	Graph points on the coordinate plane to solve real-world and mathematical problems.	Unit 9: Measurement, Geometry & Data Module 7: Data Representation Unit 10: Algebra Module 2: Ratios & Proportions Unit 10: Algebra Module 4: Expressions Unit 10: Algebra Module 7: Geometry
	Classify two-dimensional figures into categories based on their properties.	Classify two-dimensional figures into categories based on their properties. Unit 9: Measurement, Geometry & Data Module 1: 2-D Shapes Unit 9: Measurement, Geometry & Data Module 3: Classification of 2-D Figures