



Florida's Benchmarks for Excellent Student Thinking (B.E.S.T.)

Subject: Mathematics

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

Grade: K - Adopted: 2020

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
	Standard 1: Actively participate in effortful learning both individually and collectively.	Standard 1: Actively participate in effortful learning both individually and collectively.
MA.K12.MTR.1.1	Mathematicians who participate in effortful learning both individually and with others:	Mathematicians who participate in effortful learning both individually and with others:
MA.K12.MTR.1.1a	Analyze the problem in a way that makes sense given the task.	 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
MA.K12.MTR.1.1b	Ask questions that will help with solving the task.	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 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 Unit 3: Number & Operations Level 3 Module 6: Counting
MA.K12.MTR.1.1c	Build perseverance by modifying methods as needed while solving a challenging task.	Unit 1: Numbers & Operations Level 1 Module 4: Addition

		<p>Unit 1: Numbers & Operations Level 1 Module 5: Subtraction</p> <p>Unit 1: Numbers & Operations Level 1 Module 6: Addition & Subtraction</p> <p>Unit 2: Number & Operations Level 2 Module 3: Addition</p> <p>Unit 2: Number & Operations Level 2 Module 4: Subtraction</p> <p>Unit 2: Number & Operations Level 2 Module 5: Addition & Subtraction</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 5: Word Problems</p>
MA.K12.MTR.1.1d	Stay engaged and maintain a positive mindset when working to solve tasks.	<p>Unit 1: Numbers & Operations Level 1 Module 4: Addition</p> <p>Unit 1: Numbers & Operations Level 1 Module 5: Subtraction</p> <p>Unit 1: Numbers & Operations Level 1 Module 6: Addition & Subtraction</p> <p>Unit 2: Number & Operations Level 2 Module 3: Addition</p> <p>Unit 2: Number & Operations Level 2 Module 4: Subtraction</p> <p>Unit 2: Number & Operations Level 2 Module 5: Addition & Subtraction</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 5: Word Problems</p>

Mathematical Thinking and Reasoning

	Standard 2: Demonstrate understanding by representing problems in multiple ways.	Standard 2: Demonstrate understanding by representing problems in multiple ways.
MA.K12.MTR.2.1	Demonstrate understanding by representing problems in multiple ways. Mathematicians who demonstrate understanding by representing problems in multiple ways:	Demonstrate understanding by representing problems in multiple ways. Mathematicians who demonstrate understanding by representing problems in multiple ways:
MA.K12.MTR.2.1a	Build understanding through modeling and using manipulatives.	<p>Unit 1: Numbers & Operations Level 1 Module 3: Comparing Unit 1: Numbers & Operations Level 1 Module 6: Addition & Subtraction</p> <p>Unit 2: Number & Operations Level 2 Module 1: Representing 6-7 Unit 2: Number & Operations Level 2 Module 2: Representing 8-9 Unit 3: Number & Operations Level 3 Module 4: Place Value Unit 3: Number & Operations Level 3 Module 5: Word Problems 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 Unit 4: Measurement, Geometry, & Data Module 4: 2-D Shapes Unit 4: Measurement, Geometry, & Data Module 5: 3-D Shapes</p>
MA.K12.MTR.2.1b	Represent solutions to problems in multiple ways using objects, drawings, tables, graphs and equations.	

		<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 4: Addition</p> <p>Unit 1: Numbers & Operations Level 1 Module 5: Subtraction</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> <p>Unit 2: Number & Operations Level 2 Module 3: Addition</p> <p>Unit 2: Number & Operations Level 2 Module 4: Subtraction</p> <p>Unit 2: Number & Operations Level 2 Module 5: Addition & Subtraction</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 3: Number & Operations Level 3 Module 5: Word Problems</p> <p>Unit 3: Number & Operations Level 3 Module 6: Counting</p> <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> <p>Unit 4: Measurement, Geometry, & Data Module 4: 2-D Shapes</p> <p>Unit 4: Measurement, Geometry, & Data Module 5: 3-D Shapes</p>
MA.K12.MTR.2.1d	Express connections between concepts and representations.	

		<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 4: Addition</p> <p>Unit 1: Numbers & Operations Level 1 Module 5: Subtraction</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> <p>Unit 2: Number & Operations Level 2 Module 3: Addition</p> <p>Unit 2: Number & Operations Level 2 Module 4: Subtraction</p> <p>Unit 2: Number & Operations Level 2 Module 5: Addition & Subtraction</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 3: Number & Operations Level 3 Module 6: Counting</p> <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> <p>Unit 4: Measurement, Geometry, & Data Module 4: 2-D Shapes</p> <p>Unit 4: Measurement, Geometry, & Data Module 5: 3-D Shapes</p>
MA.K12.MTR.2.1e	Choose a representation based on the given context or purpose.	<p>Unit 3: Number & Operations Level 3 Module 5: Word Problems</p>

Mathematical Thinking and Reasoning

	Standard 3: Complete tasks with mathematical fluency.	Standard 3: Complete tasks with mathematical fluency.
MA.K12.MTR.3.1	Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency:	Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency:
MA.K12.MTR.3.1a	Select efficient and appropriate methods for solving problems within the given context.	<p>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</p> <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</p> <p>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</p>
MA.K12.MTR.3.1b	Maintain flexibility and accuracy while performing procedures and mental calculations.	<p>Unit 1: Numbers & Operations Level 1 Module 1: Representing 0-3</p>

		Unit 1: Numbers & Operations Level 1 Module 2: Representing 4-5 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 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 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 Unit 4: Measurement, Geometry, & Data Module 6: Shapes in the Environment
MA.K12.MTR.3.1d	Adapt procedures to apply them to a new context.	Unit 1: Numbers & Operations Level 1 Module 1: Representing 0-3 Unit 1: Numbers & Operations Level 1 Module 2: Representing 4-5 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 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 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

		Unit 4: Measurement, Geometry, & Data Module 6: Shapes in the Environment
Mathematical Thinking and Reasoning		
	Standard 5: Use patterns and structure to help understand and connect mathematical concepts.	Standard 5: Use patterns and structure to help understand and connect mathematical concepts.
MA.K12.MTR.5.1	Use patterns and structure to help understand and connect mathematical concepts. Mathematicians who use patterns and structure to help understand and connect mathematical concepts:	Use patterns and structure to help understand and connect mathematical concepts. Mathematicians who use patterns and structure to help understand and connect mathematical concepts:
MA.K12.MTR.5.1a	Focus on relevant details within a problem.	<p>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</p> <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</p> <p>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</p>

MA.K12.MTR.5.1b	Create plans and procedures to logically order events, steps or ideas to solve problems.	<p>Unit 1: Numbers & Operations Level 1 Module 1: Representing 0-3 Unit 1: Numbers & Operations Level 1 Module 2: Representing 4-5 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 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 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 Unit 4: Measurement, Geometry, & Data Module 6: Shapes in the Environment</p>
MA.K12.MTR.5.1c	Decompose a complex problem into manageable parts.	<p>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</p> <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</p> <p>Unit 2: Number & Operations Level 2 Module 6: Composing & Decomposing</p>

		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
	Standard 7: Apply mathematics to real-world contexts.	Standard 7: Apply mathematics to real-world contexts.
MA.K12.MTR.7.1	Apply mathematics to real-world contexts. Mathematicians who apply mathematics to real-world contexts:	Apply mathematics to real-world contexts. Mathematicians who apply mathematics to real-world contexts:
MA.K12.MTR.7.1a	Connect mathematical concepts to everyday experiences.	
		Unit 3: Number & Operations Level 3 Module 5: Word Problems
MA.K12.MTR.7.1b	Use models and methods to understand, represent and solve problems.	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 3: Number & Operations Level 3 Module 4: Place Value Unit 3: Number & Operations Level 3 Module 5: Word Problems 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

MA.K12.MTR.7.1c	Perform investigations to gather data or determine if a method is appropriate. • Redesign models and methods to improve accuracy or efficiency.	<p>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</p> <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</p> <p>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</p>
Number Sense and Operations		
	Standard 1: Develop an understanding for counting using objects in a set.	Standard 1: Develop an understanding for counting using objects in a set.
MA.K.NSO.1.1.	Given a group of up to 20 objects, count the number of objects in that group and represent the number of objects with a written numeral. State the number of objects in a rearrangement of that group without recounting.	

		<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> <p>Unit 2: Number & Operations Level 2 Module 3: Addition</p> <p>Unit 2: Number & Operations Level 2 Module 4: Subtraction</p> <p>Unit 2: Number & Operations Level 2 Module 5: Addition & Subtraction</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 5: Word Problems</p> <p>Unit 4: Measurement, Geometry, & Data Module 2: Sorting & Classifying</p>
MA.K.NSO.1.2.	Given a number from 0 to 20, count out that many objects.	<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> <p>Unit 2: Number & Operations Level 2 Module 3: Addition</p> <p>Unit 2: Number & Operations Level 2 Module 4: Subtraction</p>

		<p>Unit 2: Number & Operations Level 2 Module 5: Addition & Subtraction</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 5: Word Problems</p> <p>Unit 4: Measurement, Geometry, & Data Module 2: Sorting & Classifying</p>
MA.K.NSO.1.3.	Identify positions of objects within a sequence using the words “first,” “second,” “third,” “fourth” or “fifth.”	<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 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 5: Addition & Subtraction</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 5: Word Problems</p> <p>Unit 4: Measurement, Geometry, & Data Module 2: Sorting & Classifying</p>
MA.K.NSO.1.4.	Compare the number of objects from 0 to 20 in two groups using the terms less than, equal to or greater than.	

		<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> <p>Unit 2: Number & Operations Level 2 Module 3: Addition</p> <p>Unit 2: Number & Operations Level 2 Module 4: Subtraction</p> <p>Unit 2: Number & Operations Level 2 Module 5: Addition & Subtraction</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 5: Word Problems</p> <p>Unit 4: Measurement, Geometry, & Data Module 2: Sorting & Classifying</p>
Number Sense and Operations		
	Standard 2: Recite number names sequentially within 100 and develop an understanding for place value.	Standard 2: Recite number names sequentially within 100 and develop an understanding for place value.
MA.K.NSO.2.1.	Recite the number names to 100 by ones and by tens. Starting at a given number, count forward within 100 and backward within 20.	<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>

		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 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
MA.K.NSO.2.2.	Represent whole numbers from 10 to 20, using a unit of ten and a group of ones, with objects, drawings and expressions or equations.	Unit 3: Number & Operations Level 3 Module 4: Place Value Unit 3: Number & Operations Level 3 Module 6: Counting
MA.K.NSO.2.3.	Locate, order and compare numbers from 0 to 20 using the number line and terms less than, equal to or greater than.	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 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
Number Sense and Operations		
	Standard 3: Develop an understanding of addition and subtraction operations with one-digit whole numbers.	Standard 3: Develop an understanding of addition and subtraction operations with one-digit whole numbers.
MA.K.NSO.3.1.	Explore addition of two whole numbers from 0 to 10, and related subtraction facts.	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
MA.K.NSO.3.2.	Add two one-digit whole numbers with sums from 0 to 10 and subtract using related facts with procedural reliability.	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
Algebraic Reasoning		
	Standard 1: Represent and solve addition problems with sums between 0 and 10 and subtraction problems using related facts.	Standard 1: Represent and solve addition problems with sums between 0 and 10 and subtraction problems using related facts.
MA.K.AR.1.1.	For any number from 1 to 9, find the number that makes 10 when added to the given number.	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
MA.K.AR.1.2.	Given a number from 0 to 10, find the different ways it can be represented as the sum of two numbers.	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
MA.K.AR.1.3.	Solve addition and subtraction real-world problems using objects, drawings or equations to represent the problem.	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
Algebraic Reasoning		
	Standard 2: Develop an understanding of the equal sign.	Standard 2: Develop an understanding of the equal sign.
MA.K.AR.2.1.	Explain why addition or subtraction equations are true using objects or drawings.	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
Measurement		
	Standard 1: Identify and compare measurable attributes of objects.	Standard 1: Identify and compare measurable attributes of objects.
MA.K.M.1.1.	Identify the attributes of a single object that can be measured such as length, volume or weight.	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
MA.K.M.1.2.	Directly compare two objects that have an attribute which can be measured in common. Express the comparison using language to describe the difference.	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
Geometric Reasoning		
	Standard 1: Identify, compare and compose two- and three-dimensional figures.	Standard 1: Identify, compare and compose two- and three-dimensional figures.

MA.K.GR.1.1.	Identify two- and three-dimensional figures regardless of their size or orientation. Figures are limited to circles, triangles, rectangles, squares, spheres, cubes, cones and cylinders.	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: Shapes in the Environment
MA.K.GR.1.2.	Compare two-dimensional figures based on their similarities, differences and positions. Sort two-dimensional figures based on their similarities and differences. Figures are limited to circles, triangles, rectangles and squares.	Unit 4: Measurement, Geometry, & Data Module 4: 2-D Shapes Unit 4: Measurement, Geometry, & Data Module 6: Shapes in the Environment
MA.K.GR.1.3.	Compare three-dimensional figures based on their similarities, differences and positions. Sort three-dimensional figures based on their similarities and differences. Figures are limited to spheres, cubes, cones and cylinders.	Unit 4: Measurement, Geometry, & Data Module 5: 3-D Shapes Unit 4: Measurement, Geometry, & Data Module 6: Shapes in the Environment

MA.K.GR.1.4.	Find real-world objects that can be modeled by a given two- or three-dimensional figure. Figures are limited to circles, triangles, rectangles, squares, spheres, cubes, cones and cylinders.	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: Shapes in the Environment
MA.K.GR.1.5.	Combine two-dimensional figures to form a given composite figure. Figures used to form a composite shape are limited to triangles, rectangles and squares.	Unit 4: Measurement, Geometry, & Data Module 4: 2-D Shapes
Data Analysis and Probability		
	Standard 1: Develop an understanding for collecting, representing and comparing data.	Standard 1: Develop an understanding for collecting, representing and comparing data.
MA.K.DP.1.1.	Collect and sort objects into categories and compare the categories by counting the objects in each category. Report the results verbally, with a written numeral or with drawings.	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

Grade: 1 - Adopted: 2020

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
	Standard 1: Actively participate in effortful learning both individually and collectively.	Standard 1: Actively participate in effortful learning both individually and collectively.
MA.K12.MTR.1.1	Mathematicians who participate in effortful learning both individually and with others:	Mathematicians who participate in effortful learning both individually and with others:
MA.K12.MTR.1.1a	Analyze the problem in a way that makes sense given the task.	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 Unit 4: Measurement, Geometry & Data Module 1: Time & Money Unit 4: Measurement, Geometry & Data Module 2: Length

MA.K12.MTR.1.1b	Ask questions that will help with solving the task.	<p>Unit 1: Numbers & Operations Level 1 Module 1: Counting</p> <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 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>
MA.K12.MTR.1.1c	Build perseverance by modifying methods as needed while solving a challenging task.	<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>

		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 Unit 4: Measurement, Geometry & Data Module 1: Time & Money Unit 4: Measurement, Geometry & Data Module 2: Length
MA.K12.MTR.1.1d	Stay engaged and maintain a positive mindset when working to solve tasks.	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 Unit 4: Measurement, Geometry & Data Module 1: Time & Money Unit 4: Measurement, Geometry & Data Module 2: Length

Mathematical Thinking and Reasoning

	Standard 2: Demonstrate understanding by representing problems in multiple ways.	Standard 2: Demonstrate understanding by representing problems in multiple ways.
MA.K12.MTR.2.1	Demonstrate understanding by representing problems in multiple ways. Mathematicians who demonstrate understanding by representing problems in multiple ways:	Demonstrate understanding by representing problems in multiple ways. Mathematicians who demonstrate understanding by representing problems in multiple ways:
MA.K12.MTR.2.1a	Build understanding through modeling and using manipulatives.	Unit 1: Numbers & Operations Level 1 Module 2: TouchPoints Unit 1: Numbers & Operations Level 1 Module 4: Addition 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 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 Unit 4: Measurement, Geometry & Data Module 2: Length Unit 4: Measurement, Geometry & Data Module 3: Data Unit 4: Measurement, Geometry & Data Module 5: 3-D Shapes

MA.K12.MTR.2.1b	Represent solutions to problems in multiple ways using objects, drawings, tables, graphs and equations.	<p>Unit 1: Numbers & Operations Level 1 Module 1: Counting Unit 1: Numbers & Operations Level 1 Module 2: TouchPoints Unit 1: Numbers & Operations Level 1 Module 4: Addition 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 5: Subtraction within 100 Unit 3: Numbers & Operations Level 3 Module 6: Subtraction Strategies Unit 3: Numbers & Operations Level 3 Module 7: Within 100 Unit 4: Measurement, Geometry & Data Module 2: Length Unit 4: Measurement, Geometry & Data Module 3: Data Unit 4: Measurement, Geometry & Data Module 5: 3-D Shapes</p>
MA.K12.MTR.2.1d	Express connections between concepts and representations.	<p>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 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</p>

		Unit 2: Numbers & Operations Level 2 Module 6: Within 20 Unit 3: Numbers & Operations Level 3 Module 1: Place Value Unit 4: Measurement, Geometry & Data Module 2: Length
MA.K12.MTR.2.1e	Choose a representation based on the given context or purpose.	Unit 1: Numbers & Operations Level 1 Module 4: Addition within 9 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 Unit 4: Measurement, Geometry & Data Module 3: Data Unit 4: Measurement, Geometry & Data Module 5: 3-D Shapes
Mathematical Thinking and Reasoning		
	Standard 3: Complete tasks with mathematical fluency.	Standard 3: Complete tasks with mathematical fluency.
MA.K12.MTR.3.1	Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency:	Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency:
MA.K12.MTR.3.1a	Select efficient and appropriate methods for solving problems within the given context.	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 Unit 4: Measurement, Geometry & Data Module 1: Time & Money Unit 4: Measurement, Geometry & Data Module 2: Length
MA.K12.MTR.3.1b	Maintain flexibility and accuracy while performing procedures and mental calculations.	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 5: Subtraction 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 Unit 4: Measurement, Geometry & Data Module 1: Time & Money Unit 4: Measurement, Geometry & Data Module 2: Length 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

		Unit 4: Measurement, Geometry & Data Module 6: Fractional Parts of Shapes
MA.K12.MTR.3.1d	Adapt procedures to apply them to a new context.	<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>
Mathematical Thinking and Reasoning		
	Standard 5: Use patterns and structure to help understand and connect mathematical concepts.	Standard 5: Use patterns and structure to help understand and connect mathematical concepts.

MA.K12.MTR.5.1	Use patterns and structure to help understand and connect mathematical concepts. Mathematicians who use patterns and structure to help understand and connect mathematical concepts:	Use patterns and structure to help understand and connect mathematical concepts. Mathematicians who use patterns and structure to help understand and connect mathematical concepts:
MA.K12.MTR.5.1a	Focus on relevant details within a problem.	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 Unit 4: Measurement, Geometry & Data Module 1: Time & Money Unit 4: Measurement, Geometry & Data Module 2: Length
MA.K12.MTR.5.1b	Create plans and procedures to logically order events, steps or ideas to solve problems.	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 5: Subtraction 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 Unit 4: Measurement, Geometry & Data Module 1: Time & Money Unit 4: Measurement, Geometry & Data Module 2: Length 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 Unit 4: Measurement, Geometry & Data Module 6: Fractional Parts of Shapes
MA.K12.MTR.5.1c	Decompose a complex problem into manageable parts.	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 Unit 4: Measurement, Geometry & Data Module 1: Time & Money Unit 4: Measurement, Geometry & Data Module 2: Length
Mathematical Thinking and Reasoning		
	Standard 7: Apply mathematics to real-world contexts.	Standard 7: Apply mathematics to real-world contexts.
MA.K12.MTR.7.1	Apply mathematics to real-world contexts. Mathematicians who apply mathematics to real-world contexts:	Apply mathematics to real-world contexts. Mathematicians who apply mathematics to real-world contexts:
MA.K12.MTR.7.1a	Connect mathematical concepts to everyday experiences.	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 4: Measurement, Geometry & Data Module 1: Time & Money Unit 4: Measurement, Geometry & Data Module 2: Length
MA.K12.MTR.7.1b	Use models and methods to understand, represent and solve problems.	Unit 1: Numbers & Operations Level 1 Module 2: TouchPoints Unit 1: Numbers & Operations Level 1 Module 4: Addition 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 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 Unit 4: Measurement, Geometry & Data Module 2: Length Unit 4: Measurement, Geometry & Data Module 3: Data Unit 4: Measurement, Geometry & Data Module 5: 3-D Shapes
MA.K12.MTR.7.1c	Perform investigations to gather data or determine if a method is appropriate. • Redesign models and methods to improve accuracy or efficiency.	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 Unit 4: Measurement, Geometry & Data Module 1: Time & Money

Number Sense and Operations

	Standard 1: Extend counting sequences and understand the place value of two-digit numbers.	Standard 1: Extend counting sequences and understand the place value of two-digit numbers.
MA.1.NSO.1.1.	Starting at a given number, count forward and backwards within 120 by ones. Skip count by 2s to 20 and by 5s to 100.	Unit 1: Numbers & Operations Level 1 Module 1: Counting Unit 2: Numbers & Operations Level 2 Module 4: Backward Counting Unit 3: Numbers & Operations Level 3 Module 1: Place Value
MA.1.NSO.1.2.	Read numbers from 0 to 100 written in standard form, expanded form and word form. Write numbers from 0 to 100 using standard form and expanded form.	Unit 1: Numbers & Operations Level 1 Module 2: TouchPoints Unit 2: Numbers & Operations Level 2 Module 1: Place Value Unit 3: Numbers & Operations Level 3 Module 1: Place Value
MA.1.NSO.1.3.	Compose and decompose two-digit numbers in multiple ways using tens and ones. Demonstrate each composition or decomposition with objects, drawings and expressions or equations.	Unit 2: Numbers & Operations Level 2 Module 1: Place Value 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 7: Within 100
MA.1.NSO.1.4.	Plot, order and compare whole numbers up to 100.	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 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
	Number Sense and Operations	Number Sense and Operations
	Standard 2: Develop an understanding of addition and subtraction operations with one- and two-digit numbers.	Standard 2: Develop an understanding of addition and subtraction operations with one- and two-digit numbers.
MA.1.NSO.2.1.	Recall addition facts with sums to 10 and related subtraction facts with automaticity.	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 7: Within 100
MA.1.NSO.2.2.	Add two whole numbers with sums from 0 to 20, and subtract using related facts with procedural reliability.	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
MA.1.NSO.2.3.	Identify the number that is one more, one less, ten more and ten less than a given two-digit number.	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 5: Subtraction within 100 Unit 3: Numbers & Operations Level 3 Module 6: Subtraction Strategies Unit 3: Numbers & Operations Level 3 Module 7: Within 100
MA.1.NSO.2.4.	Explore the addition of a two-digit number and a one-digit number with sums to 100.	Unit 2: Numbers & Operations Level 2 Module 2: Addition within 13 Unit 2: Numbers & Operations Level 2 Module 3: Addition within 20
MA.1.NSO.2.5.	Explore subtraction of a one-digit number from a two-digit number.	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 6: Subtraction Strategies
Fractions		
	Standard 1: Develop an understanding of fractions by partitioning shapes into halves and fourths.	Standard 1: Develop an understanding of fractions by partitioning shapes into halves and fourths.
MA.1.FR.1.1.	Partition circles and rectangles into two and four equal-sized parts. Name the parts of the whole using appropriate language including halves or fourths.	Unit 4: Measurement, Geometry & Data Module 4: 2-D Shapes

		Unit 4: Measurement, Geometry & Data Module 6: Fractional Parts of Shapes
Algebraic Reasoning		
	Standard 1: Solve addition problems with sums between 0 and 20 and subtraction problems using related facts.	Standard 1: Solve addition problems with sums between 0 and 20 and subtraction problems using related facts.
MA.1.AR.1.1.	Apply properties of addition to find a sum of three or more whole numbers.	
		Unit 3: Numbers & Operations Level 3 Module 3: Mixed Addition
MA.1.AR.1.2.	Solve addition and subtraction real-world problems using objects, drawings or equations to represent the problem.	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 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 5: Subtraction within 100 Unit 3: Numbers & Operations Level 3 Module 6: Subtraction Strategies Unit 3: Numbers & Operations Level 3 Module 7: Within 100
Algebraic Reasoning		

	Standard 2: Develop an understanding of the relationship between addition and subtraction.	Standard 2: Develop an understanding of the relationship between addition and subtraction.
MA.1.AR.2.1.	Restate a subtraction problem as a missing addend problem using the relationship between addition and subtraction.	<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 6: Subtraction Strategies</p>
MA.1.AR.2.2.	Determine and explain if equations involving addition or subtraction are true or false.	<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> <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>

MA.1.AR.2.3.	Determine the unknown whole number in an addition or subtraction equation, relating three whole numbers, with the unknown in any position.	<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 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 3: Mixed Addition</p> <p>Unit 3: Numbers & Operations Level 3 Module 4: Addition Strategies</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>
Measurement		
	Standard 1: Compare and measure the length of objects.	Standard 1: Compare and measure the length of objects.
MA.1.M.1.1.	Estimate the length of an object to the nearest inch. Measure the length of an object to the nearest inch or centimeter.	<p>Unit 4: Measurement, Geometry & Data Module 2: Length</p>
MA.1.M.1.2.	Compare and order the length of up to three objects using direct and indirect comparison.	<p>Unit 4: Measurement, Geometry & Data Module 2: Length</p>
Measurement		

	Standard 2: Tell time and identify the value of coins and combinations of coins and dollar bills.	Standard 2: Tell time and identify the value of coins and combinations of coins and dollar bills.
MA.1.M.2.1.	Using analog and digital clocks, tell and write time in hours and half-hours.	Unit 4: Measurement, Geometry & Data Module 1: Time & Money
MA.1.M.2.2.	Identify pennies, nickels, dimes and quarters, and express their values using the ¢ symbol. State how many of each coin equal a dollar.	Unit 4: Measurement, Geometry & Data Module 1: Time & Money
MA.1.M.2.3.	Find the value of combinations of pennies, nickels and dimes up to one dollar, and the value of combinations of one, five and ten dollar bills up to \$100. Use the ¢ and \$ symbols appropriately.	Unit 4: Measurement, Geometry & Data Module 1: Time & Money
Geometric Reasoning		
	Standard 1: Identify and analyze two- and three-dimensional figures based on their defining attributes.	Standard 1: Identify and analyze two- and three-dimensional figures based on their defining attributes.

MA.1.GR.1.1.	Identify, compare and sort two- and three-dimensional figures based on their defining attributes. Figures are limited to circles, semi-circles, triangles, rectangles, squares, trapezoids, hexagons, spheres, cubes, rectangular prisms, cones and cylinders.	Unit 4: Measurement, Geometry & Data Module 5: 3-D Shapes
MA.1.GR.1.3.	Compose and decompose two- and three-dimensional figures. Figures are limited to semi-circles, triangles, rectangles, squares, trapezoids, hexagons, cubes, rectangular prisms, cones and cylinders.	Unit 4: Measurement, Geometry & Data Module 4: 2-D Shapes Unit 4: Measurement, Geometry & Data Module 5: 3-D Shapes
MA.1.GR.1.4.	Given a real-world object, identify parts that are modeled by two- and three-dimensional figures. Figures are limited to semi-circles, triangles, rectangles, squares and hexagons, spheres, cubes, rectangular prisms, cones and cylinders.	Unit 4: Measurement, Geometry & Data Module 4: 2-D Shapes Unit 4: Measurement, Geometry & Data Module 5: 3-D Shapes
Data Analysis and Probability		

	Standard 1: Collect, represent and interpret data using pictographs and tally marks.	Standard 1: Collect, represent and interpret data using pictographs and tally marks.
MA.1.DP.1.1.	Collect data into categories and represent the results using tally marks or pictographs.	
		Unit 4: Measurement, Geometry & Data Module 3: Data
MA.1.DP.1.2.	Interpret data represented with tally marks or pictographs by calculating the total number of data points and comparing the totals of different categories.	
		Unit 4: Measurement, Geometry & Data Module 3: Data

Grade: 2 - Adopted: 2020

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
	Standard 1: Actively participate in effortful learning both individually and collectively.	Standard 1: Actively participate in effortful learning both individually and collectively.
MA.K12.MTR.1.1	Mathematicians who participate in effortful learning both individually and with others:	Mathematicians who participate in effortful learning both individually and with others:
MA.K12.MTR.1.1a	Analyze the problem in a way that makes sense given the task.	
		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

		<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 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 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>
MA.K12.MTR.1.1b	Ask questions that will help with solving the task.	<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 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 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 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> <p>Unit 4: Measurement, Geometry & Data Module 6: Geometry</p>
MA.K12.MTR.1.1c	Build perseverance by modifying methods as needed while solving a challenging task.	<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 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 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 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>
MA.K12.MTR.1.1d	Stay engaged and maintain a positive mindset when working to solve tasks.	<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 1: Within 13</p> <p>Unit 1:Addition& Subtraction Level 1 Module 2: Within 20</p>

		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 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 1: Time Unit 4: Measurement, Geometry & Data Module 2: Money 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
Mathematical Thinking and Reasoning		
	Standard 2: Demonstrate understanding by representing problems in multiple ways.	Standard 2: Demonstrate understanding by representing problems in multiple ways.

MA.K12.MTR.2.1	Demonstrate understanding by representing problems in multiple ways. Mathematicians who demonstrate understanding by representing problems in multiple ways:	Demonstrate understanding by representing problems in multiple ways. Mathematicians who demonstrate understanding by representing problems in multiple ways:
MA.K12.MTR.2.1a	Build understanding through modeling and using manipulatives.	<p>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 3: Within 50 Unit 1: Addition & Subtraction Level 1 Module 4: Addition with Regrouping</p> <p>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</p> <p>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</p>

MA.K12.MTR.2.1b	Represent solutions to problems in multiple ways using objects, drawings, tables, graphs and equations.	<p>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 3: Within 50 Unit 1: Addition & Subtraction Level 1 Module 4: Addition with Regrouping</p> <p>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</p> <p>Unit 4: Measurement, Geometry & Data Module 3: Data Unit 4: Measurement, Geometry & Data Module 6: Geometry</p>
MA.K12.MTR.2.1d	Express connections between concepts and representations.	<p>Unit 1: Addition & Subtraction Level 1 Module 3: Backward Counting Unit 2: Addition & Subtraction Level 2 Module 1: Place Value Unit 2: Addition & Subtraction Level 2 Module 2: Counting & Reading</p>

		Unit 4: Measurement, Geometry & Data Module 6: Geometry
MA.K12.MTR.2.1e	Choose a representation based on the given context or purpose.	<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 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 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 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 4: Measurement, Geometry & Data Module 3: Data</p>
Mathematical Thinking and Reasoning		
	Standard 3: Complete tasks with mathematical fluency.	Standard 3: Complete tasks with mathematical fluency.
MA.K12.MTR.3.1	Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency:	Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency:

MA.K12.MTR.3.1a	Select efficient and appropriate methods for solving problems within the given context.	<p>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</p> <p>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</p> <p>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 1: Time Unit 4: Measurement, Geometry & Data Module 2: Money 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</p>
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MA.K12.MTR.3.1b	Maintain flexibility and accuracy while performing procedures and mental calculations.	<p>Unit 1: Addition & Subtraction Level 1 Module 1: Forward Counting 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 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</p> <p>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 3: Reading & Writing 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 6: Multiplication 2 Unit 4: Measurement, Geometry & Data Module 1: Time Unit 4: Measurement, Geometry & Data Module 2: Money Unit 4: Measurement, Geometry & Data Module 4: Measurement Unit 4: Measurement, Geometry & Data Module 5: Operations with Length</p> <p>Unit 4: Measurement, Geometry & Data Module 6: Geometry</p>
MA.K12.MTR.3.1c	Complete tasks accurately and with confidence.	<p>Unit 4: Measurement, Geometry & Data Module 4: Measurement</p>

		Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
MA.K12.MTR.3.1d	Adapt procedures to apply them to a new context.	<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 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 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 4: Measurement</p>

		Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
		Unit 4: Measurement, Geometry & Data Module 6: Geometry
MA.K12.MTR.3.1e	Use feedback to improve efficiency when performing calculations.	Unit 4: Measurement, Geometry & Data Module 4: Measurement Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
Mathematical Thinking and Reasoning		
	Standard 4: Engage in discussions that reflect on the mathematical thinking of self and others.	Standard 4: Engage in discussions that reflect on the mathematical thinking of self and others.
MA.K12.MTR.4.1	Engage in discussions that reflect on the mathematical thinking of self and others. Mathematicians who engage in discussions that reflect on the mathematical thinking of self and others:	Engage in discussions that reflect on the mathematical thinking of self and others. Mathematicians who engage in discussions that reflect on the mathematical thinking of self and others:
MA.K12.MTR.4.1d	Recognize errors and suggest how to correctly solve the task.	Unit 4: Measurement, Geometry & Data Module 4: Measurement Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
Mathematical Thinking and Reasoning		

	Standard 5: Use patterns and structure to help understand and connect mathematical concepts.	Standard 5: Use patterns and structure to help understand and connect mathematical concepts.
MA.K12.MTR.5.1	Use patterns and structure to help understand and connect mathematical concepts. Mathematicians who use patterns and structure to help understand and connect mathematical concepts:	Use patterns and structure to help understand and connect mathematical concepts. Mathematicians who use patterns and structure to help understand and connect mathematical concepts:
MA.K12.MTR.5.1a	Focus on relevant details within a problem.	<p>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</p> <p>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</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>
MA.K12.MTR.5.1b	Create plans and procedures to logically order events, steps or ideas to solve problems.	<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>

		Unit 4: Measurement, Geometry & Data Module 4: Measurement Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
Mathematical Thinking and Reasoning		
	Standard 6: Assess the reasonableness of solutions.	Standard 6: Assess the reasonableness of solutions.
MA.K12.MTR.6.1	Assess the reasonableness of solutions. Mathematicians who assess the reasonableness of solutions:	Assess the reasonableness of solutions. Mathematicians who assess the reasonableness of solutions:
MA.K12.MTR.6.1a	Estimate to discover possible solutions.	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
MA.K12.MTR.6.1c	Check calculations when solving problems.	Unit 4: Measurement, Geometry & Data Module 4: Measurement Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
MA.K12.MTR.6.1d	Verify possible solutions by explaining the methods used.	Unit 4: Measurement, Geometry & Data Module 4: Measurement

		Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
MA.K12.MTR.6.1e	Evaluate results based on the given context.	Unit 4: Measurement, Geometry & Data Module 4: Measurement Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
Mathematical Thinking and Reasoning		
	Standard 7: Apply mathematics to real-world contexts.	Standard 7: Apply mathematics to real-world contexts.
MA.K12.MTR.7.1	Apply mathematics to real-world contexts. Mathematicians who apply mathematics to real-world contexts:	Apply mathematics to real-world contexts. Mathematicians who apply mathematics to real-world contexts:
MA.K12.MTR.7.1a	Connect mathematical concepts to everyday experiences.	Unit 1: Addition & Subtraction Level 1 Module 3: Within 50 Unit 1: Addition & Subtraction Level 1 Module 4: Addition with Regrouping 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 Unit 3: Operations with Multi-Digit Numbers Module 5: Multiplication 1

		Unit 4: Measurement, Geometry & Data Module 1: Time Unit 4: Measurement, Geometry & Data Module 2: Money 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
MA.K12.MTR.7.1b	Use models and methods to understand, represent and solve problems.	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 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

MA.K12.MTR.7.1c	<p>Perform investigations to gather data or determine if a method is appropriate. • Redesign models and methods to improve accuracy or efficiency.</p>	<p>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</p> <p>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</p> <p>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 1: Time Unit 4: Measurement, Geometry & Data Module 2: Money Unit 4: Measurement, Geometry & Data Module 3: Data Unit 4: Measurement, Geometry & Data Module 4: Measurement</p>
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		Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
Number Sense and Operations		
	Standard 1: Understand the place value of three-digit numbers.	Standard 1: Understand the place value of three-digit numbers.
MA.2.NSO.1.1.	Read and write numbers from 0 to 1,000 using standard form, expanded form and word form.	Unit 1: Addition & Subtraction Level 1 Module 1: Forward Counting Unit 1: Addition & Subtraction Level 1 Module 3: Backward Counting 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 3: Reading & Writing Unit 2: Addition & Subtraction Level 2 Module 6: Within 100
MA.2.NSO.1.2.	Compose and decompose three-digit numbers in multiple ways using hundreds, tens and ones. Demonstrate each composition or decomposition with objects, drawings and expressions or equations.	Unit 2: Addition & Subtraction Level 2 Module 1: Place Value Unit 2: Addition & Subtraction Level 2 Module 3: Reading & Writing Unit 2: Addition & Subtraction Level 2 Module 6: Within 100
MA.2.NSO.1.3.	Plot, order and compare whole numbers up to 1,000.	Unit 1: Addition & Subtraction Level 1 Module 1: Forward Counting 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 2: Addition & Subtraction Level 2 Module 1: Place Value Unit 2: Addition & Subtraction Level 2 Module 2: Counting & Reading 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
Number Sense and Operations		
	Standard 2: Add and subtract two- and three-digit whole numbers.	Standard 2: Add and subtract two- and three-digit whole numbers.
MA.2.NSO.2.1.	Recall addition facts with sums to 20 and related subtraction facts with automaticity.	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
MA.2.NSO.2.2.	Identify the number that is ten more, ten less, one hundred more and one hundred less than a given three-digit number.	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 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 4: Mixed Operations
MA.2.NSO.2.3.	Add two whole numbers with sums up to 100 with procedural reliability. Subtract a whole number from a whole number, each no larger than 100, with procedural reliability.	

		<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 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 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 4: Mixed Operations</p>
MA.2.NSO.2.4.	<p>Explore the addition of two whole numbers with sums up to 1,000.</p> <p>Explore the subtraction of a whole number from a whole number, each no larger than 1,000.</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 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 1: Multiples of 10 & 100</p> <p>Unit 3: Operations with Multi-Digit Numbers Module 2: Addition within 1,000</p>

		Unit 3: Operations with Multi-Digit Numbers Module 4: Mixed Operations
Fractions		
	Standard 1: Develop an understanding of fractions.	Standard 1: Develop an understanding of fractions.
MA.2.FR.1.1.	Partition circles and rectangles into two, three or four equal-sized parts. Name the parts using appropriate language, and describe the whole as two halves, three thirds or four fourths.	Unit 4: Measurement, Geometry & Data Module 6: Geometry
MA.2.FR.1.2.	Partition rectangles into two, three or four equal-sized parts in two different ways showing that equal-sized parts of the same whole may have different shapes.	Unit 4: Measurement, Geometry & Data Module 6: Geometry
Algebraic Reasoning		
	Standard 1: Solve addition problems with sums between 0 and 100 and related subtraction problems.	Standard 1: Solve addition problems with sums between 0 and 100 and related subtraction problems.
MA.2.AR.1.1.	Solve one- and two-step addition and subtraction real-world problems.	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
Algebraic Reasoning		
	Standard 2: Demonstrate an understanding of equality and addition and subtraction.	Standard 2: Demonstrate an understanding of equality and addition and subtraction.
MA.2.AR.2.1.	Determine and explain whether equations involving addition and subtraction are true or false.	Unit 1:Addition& Subtraction Level 1 Module 1: Within 13 Unit 1:Addition& Subtraction Level 1 Module 3: Within 50
MA.2.AR.2.2.	Determine the unknown whole number in an addition or subtraction equation, relating three or four whole numbers, with the unknown in any position.	

	Unit 3: Operations with Multi-Digit Numbers Module 4: Mixed Operations	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 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 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 4: Mixed Operations
Algebraic Reasoning		
	Standard 3: Develop an understanding of multiplication.	Standard 3: Develop an understanding of multiplication.
MA.2.AR.3.1.	Represent an even number using two equal groups or two equal addends. Represent an odd number using two equal groups with one left over or two equal addends plus 1.	Unit 2: Addition & Subtraction Level 2 Module 2: Counting & Reading Unit 2: Addition & Subtraction Level 2 Module 3: Reading & Writing Unit 3: Operations with Multi-Digit Numbers Module 5: Multiplication 1

MA.2.AR.3.2.	Use repeated addition to find the total number of objects in a collection of equal groups. Represent the total number of objects using rectangular arrays and equations.	Unit 3: Operations with Multi-Digit Numbers Module 6: Multiplication 2 Unit 4: Measurement, Geometry & Data Module 6: Geometry
		Measurement
	Standard 1: Measure the length of objects and solve problems involving length.	Standard 1: Measure the length of objects and solve problems involving length.
MA.2.M.1.1.	Estimate and measure the length of an object to the nearest inch, foot, yard, centimeter or meter by selecting and using an appropriate tool.	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
MA.2.M.1.2.	Measure the lengths of two objects using the same unit and determine the difference between their measurements.	Unit 4: Measurement, Geometry & Data Module 4: Measurement Unit 4: Measurement, Geometry & Data Module 5: Operations with Length

MA.2.M.1.3.	Solve one- and two-step real-world measurement problems involving addition and subtraction of lengths given in the same units.	Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
Measurement		
	Standard 2: Tell time and solve problems involving money.	Standard 2: Tell time and solve problems involving money.
MA.2.M.2.1.	Using analog and digital clocks, tell and write time to the nearest five minutes using a.m. and p.m. appropriately. Express portions of an hour using the fractional terms half an hour, half past, quarter of an hour, quarter after and quarter til.	Unit 4: Measurement, Geometry & Data Module 1: Time
MA.2.M.2.2.	Solve one- and two-step addition and subtraction real-world problems involving either dollar bills within \$100 or coins within 100¢ using \$ and ¢ symbols appropriately.	Unit 4: Measurement, Geometry & Data Module 2: Money
Geometric Reasoning		
	Standard 1: Identify and analyze two-dimensional figures and identify lines of symmetry.	Standard 1: Identify and analyze two-dimensional figures and identify lines of symmetry.

MA.2.GR.1.1.	Identify and draw two-dimensional figures based on their defining attributes. Figures are limited to triangles, rectangles, squares, pentagons, hexagons and octagons.	Unit 4: Measurement, Geometry & Data Module 6: Geometry
MA.2.GR.1.2.	Categorize two-dimensional figures based on the number and length of sides, number of vertices, whether they are closed or not and whether the edges are curved or straight.	Unit 4: Measurement, Geometry & Data Module 6: Geometry
Geometric Reasoning		
	Standard 2: Describe perimeter and find the perimeter of polygons.	Standard 2: Describe perimeter and find the perimeter of polygons.
MA.2.GR.2.1.	Explore perimeter as an attribute of a figure by placing unit segments along the boundary without gaps or overlaps. Find perimeters of rectangles by counting unit segments.	Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
Data Analysis and Probability		
	Standard 1: Collect, categorize, represent and interpret data using appropriate titles, labels and units.	Standard 1: Collect, categorize, represent and interpret data using appropriate titles, labels and units.

MA.2.DP.1.1.	Collect, categorize and represent data using tally marks, tables, pictographs or bar graphs. Use appropriate titles, labels and units.	Unit 4: Measurement, Geometry & Data Module 3: Data
MA.2.DP.1.2.	Interpret data represented with tally marks, tables, pictographs or bar graphs including solving addition and subtraction problems.	Unit 4: Measurement, Geometry & Data Module 3: Data

Grade: 3 - Adopted: 2020

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
	Standard 1: Actively participate in effortful learning both individually and collectively.	Standard 1: Actively participate in effortful learning both individually and collectively.
MA.K12.MTR.1.1	Mathematicians who participate in effortful learning both individually and with others:	Mathematicians who participate in effortful learning both individually and with others:
MA.K12.MTR.1.1a	Analyze the problem in a way that makes sense given the task.	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

		<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>
MA.K12.MTR.1.1b	Ask questions that will help with solving the task.	<p>Unit 1: Addition & Subtraction Level 1 Module 2: Addition</p>

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 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 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

		Unit 7: Fractions, Decimals & Percents Level 1 Module 1: Understanding Fractions Unit 7: Fractions, Decimals & Percents Level 1 Module 2: Application of Concepts
MA.K12.MTR.1.1c	Build perseverance by modifying methods as needed while solving a challenging task.	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 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 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit

		<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>
MA.K12.MTR.1.1d	Stay engaged and maintain a positive mindset when working to solve tasks.	<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>
Mathematical Thinking and Reasoning		
	Standard 2: Demonstrate understanding by representing problems in multiple ways.	Standard 2: Demonstrate understanding by representing problems in multiple ways.
MA.K12.MTR.2.1	Demonstrate understanding by representing problems in multiple ways. Mathematicians who demonstrate understanding by representing problems in multiple ways:	Demonstrate understanding by representing problems in multiple ways. Mathematicians who demonstrate understanding by representing problems in multiple ways:
MA.K12.MTR.2.1a	Build understanding through modeling and using manipulatives.	<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>

		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 Operations Unit 6: Mixed Operations with Whole Numbers Module 2: Two–Four Digits by One Digit
MA.K12.MTR.2.1b	Represent solutions to problems in multiple ways using objects, drawings, tables, graphs and equations.	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

		<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>
MA.K12.MTR.2.1c	Progress from modeling problems with objects and drawings to using algorithms and equations.	<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>

		Unit 6: Mixed Operations with Whole Numbers Module 4: Three–Four Digits by Three Digits
MA.K12.MTR.2.1d	Express connections between concepts and representations.	<p>Unit 1: Addition & Subtraction Level 1 Module 3: Backward Counting</p> <p>Unit 2: Addition & Subtraction Level 2 Module 6: Three-Digit Numbers</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>
MA.K12.MTR.2.1e	Choose a representation based on the given context or purpose.	<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 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 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>

		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
Mathematical Thinking and Reasoning		
	Standard 3: Complete tasks with mathematical fluency.	Standard 3: Complete tasks with mathematical fluency.
MA.K12.MTR.3.1	Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency:	Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency:
MA.K12.MTR.3.1a	Select efficient and appropriate methods for solving problems within the given context.	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 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

		<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>
MA.K12.MTR.3.1b	Maintain flexibility and accuracy while performing procedures and mental calculations.	<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>

		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 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 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
MA.K12.MTR.3.1d	Adapt procedures to apply them to a new context.	Unit 1: Addition & Subtraction Level 1 Module 1: Forward Counting 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 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 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 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 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
Mathematical Thinking and Reasoning		
	Standard 5: Use patterns and structure to help understand and connect mathematical concepts.	Standard 5: Use patterns and structure to help understand and connect mathematical concepts.
MA.K12.MTR.5.1	Use patterns and structure to help understand and connect mathematical concepts. Mathematicians who use patterns and structure to help understand and connect mathematical concepts:	Use patterns and structure to help understand and connect mathematical concepts. Mathematicians who use patterns and structure to help understand and connect mathematical concepts:

MA.K12.MTR.5.1a	Focus on relevant details within a problem.	<p>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 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</p> <p>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</p>
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		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
MA.K12.MTR.5.1b	Create plans and procedures to logically order events, steps or ideas to solve problems.	Unit 1: Addition & Subtraction Level 1 Module 1: Forward Counting 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 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 Unit 2: Addition & Subtraction Level 2 Module 6: Three-Digit Numbers Unit 4: Multiplication & Division Level 1 Module 2: Multiplication 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 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
MA.K12.MTR.5.1c	Decompose a complex problem into manageable parts.	<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>

MA.K12.MTR.7.1b	Use models and methods to understand, represent and solve problems.	<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>
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MA.K12.MTR.7.1c	<p>Perform investigations to gather data or determine if a method is appropriate. • Redesign models and methods to improve accuracy or efficiency.</p>	<p>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 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 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit</p>
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		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
Number Sense and Operations		
	Standard 1: Understand the place value of four-digit numbers.	Standard 1: Understand the place value of four-digit numbers.
MA.3.NSO.1.1.	Read and write numbers from 0 to 10,000 using standard form, expanded form and word form.	Unit 1: Addition & Subtraction Level 1 Module 1: Forward Counting Unit 1: Addition & Subtraction Level 1 Module 3: Backward Counting Unit 2: Addition & Subtraction Level 2 Module 1: Counting to 1,000 Unit 2: Addition & Subtraction Level 2 Module 3: Place Value
MA.3.NSO.1.2.	Compose and decompose four-digit numbers in multiple ways using thousands, hundreds, tens and ones. Demonstrate each composition or decomposition using objects, drawings and expressions or equations.	Unit 1: Addition & Subtraction Level 1 Module 5: Fact Families Unit 1: Addition & Subtraction Level 1 Module 6: Place Value
MA.3.NSO.1.3.	Plot, order and compare whole numbers up to 10,000.	

		Unit 1: Addition & Subtraction Level 1 Module 1: Forward Counting 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 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 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
MA.3.NSO.1.4.	Round whole numbers from 0 to 1,000 to the nearest 10 or 100.	Unit 2: Addition & Subtraction Level 2 Module 3: Place Value 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
Number Sense and Operations		
	Standard 2: Add and subtract multi-digit whole numbers. Build an understanding of multiplication and division operations.	Standard 2: Add and subtract multi-digit whole numbers. Build an understanding of multiplication and division operations.

MA.3.NSO.2.1.	Add and subtract multi-digit whole numbers including using a standard algorithm with procedural fluency.	<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 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>
MA.3.NSO.2.2.	Explore multiplication of two whole numbers with products from 0 to 144, and related division facts.	<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>
MA.3.NSO.2.3.	Multiply a one-digit whole number by a multiple of 10, up to 90, or a multiple of 100, up to 900, with procedural reliability.	

		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 7: Skip Counting by 8 Unit 5: Multiplication & Division Level 2 Module 1: Multiplication 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
MA.3.NSO.2.4.	Multiply two whole numbers from 0 to 12 and divide using related facts with procedural reliability.	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
Fractions		
	Standard 1: Understand fractions as numbers and represent fractions.	Standard 1: Understand fractions as numbers and represent fractions.

MA.3.FR.1.1.	Represent and interpret unit fractions in the form $\frac{1}{n}$ as the quantity formed by one part when a whole is partitioned into n equal parts.	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
MA.3.FR.1.2.	Represent and interpret fractions, including fractions greater than one, in the form of $\frac{m}{n}$ as the result of adding the unit fraction $\frac{1}{n}$ to itself m times.	Unit 7: Fractions, Decimals & Percents Level 1 Module 1: Understanding Fractions Unit 7: Fractions, Decimals & Percents Level 1 Module 2: Application of Concepts
MA.3.FR.1.3.	Read and write fractions, including fractions greater than one, using standard form, numeral-word form and word form.	Unit 7: Fractions, Decimals & Percents Level 1 Module 1: Understanding Fractions Unit 7: Fractions, Decimals & Percents Level 1 Module 2: Application of Concepts
Fractions		

	Standard 2: Order and compare fractions and identify equivalent fractions.	Standard 2: Order and compare fractions and identify equivalent fractions.
MA.3.FR.2.1.	Plot, order and compare fractional numbers with the same numerator or the same denominator.	<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>
MA.3.FR.2.2.	Identify equivalent fractions and explain why they are equivalent.	<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>
Algebraic Reasoning		
	Standard 1: Solve multiplication and division problems.	Standard 1: Solve multiplication and division problems.
MA.3.AR.1.1.	Apply the distributive property to multiply a one-digit number and two-digit number. Apply properties of multiplication to find a product of one-digit whole numbers.	<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>

		Unit 2: Addition & Subtraction Level 2 Module 2: Within 20 Unit 2: Addition & Subtraction Level 2 Module 5: Strategies Unit 4: Multiplication & Division Level 1 Module 2: Multiplication 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
MA.3.AR.1.2.	Solve one- and two-step real-world problems involving any of four operations with whole numbers.	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 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
Algebraic Reasoning		
	Standard 2: Develop an understanding of equality and multiplication and division.	Standard 2: Develop an understanding of equality and multiplication and division.
MA.3.AR.2.1.	Restate a division problem as a missing factor problem using the relationship between multiplication and division.	<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>
MA.3.AR.2.2.	Determine and explain whether an equation involving multiplication or division is true or false.	<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 6: Mixed Operations with Whole Numbers Module 2: Two–Four Digits by One Digit</p>
MA.3.AR.2.3.	Determine the unknown whole number in a multiplication or division equation, relating three whole numbers, with the unknown in any position.	

		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 3: Two–Four Digits by Two Digits Unit 6: Mixed Operations with Whole Numbers Module 4: Three–Four Digits by Three Digits
Algebraic Reasoning		
	Standard 3: Identify numerical patterns, including multiplicative patterns.	Standard 3: Identify numerical patterns, including multiplicative patterns.
MA.3.AR.3.1.	Determine and explain whether a whole number from 1 to 1,000 is even or odd.	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
MA.3.AR.3.3.	Identify, create and extend numerical 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
Geometric Reasoning		
	Standard 1: Describe and identify relationships between lines and classify quadrilaterals.	Standard 1: Describe and identify relationships between lines and classify quadrilaterals.
MA.3.GR.1.1.	Describe and draw points, lines, line segments, rays, intersecting lines, perpendicular lines and parallel lines. Identify these in two-dimensional figures.	Unit 9: Measurement, Geometry & Data Module 1: 2-D Shapes
MA.3.GR.1.3.	Draw line(s) of symmetry in a two-dimensional figure and identify line-symmetric two-dimensional figures.	Unit 7: Fractions, Decimals & Percents Level 1 Module 1: Understanding Fractions
Data Analysis and Probability		
	Standard 1: Collect, represent and interpret numerical and categorical data.	Standard 1: Collect, represent and interpret numerical and categorical data.

MA.3.DP.1.1.	Collect and represent numerical and categorical data with whole-number values using tables, scaled pictographs, scaled bar graphs or line plots. Use appropriate titles, labels and units.	<p>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</p>
MA.3.DP.1.2.	Interpret data with whole-number values represented with tables, scaled pictographs, circle graphs, scaled bar graphs or line plots by solving one- and two-step problems.	<p>Interpret data with whole-number values represented with tables, scaled pictographs, circle graphs, scaled bar graphs or line plots by solving one- and two-step problems.</p> <p><u>TouchMath</u></p> <p>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</p>

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
	Standard 1: Actively participate in effortful learning both individually and collectively.	Standard 1: Actively participate in effortful learning both individually and collectively.
MA.K12.MTR.1.1	Mathematicians who participate in effortful learning both individually and with others:	Mathematicians who participate in effortful learning both individually and with others:
MA.K12.MTR.1.1a	Analyze the problem in a way that makes sense given the task.	<p>Unit 10: Algebra Module 1: Operations & Equations</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>

Unit 4: Multiplication & Division Level 1 | Module 3: Division
Unit 4: Multiplication & Division Level 1 | Module 4: Strategies
Unit 4: Multiplication & Division Level 1 | Module 5: Multiples & Factors
Unit 4: Multiplication & Division Level 1 | Module 6: Mixed Multiplication & Division
Unit 5: Multiplication & Division Level 2 | Module 1: Multiplication by One Digit
Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit
Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits
Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits

Unit 5: Multiplication & Division Level 2 | Module 7: Mixed Practice
Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations
Unit 6: Mixed Operations with Whole Numbers | Module 2: Two–Four Digits by One Digit
Unit 6: Mixed Operations with Whole Numbers | Module 3: Two–Four Digits by Two Digits
Unit 6: Mixed Operations with Whole Numbers | Module 4: Three–Four Digits by Three Digits
Unit 6: Mixed Operations with Whole Numbers | Module 5: Four Digits
Unit 6: Mixed Operations with Whole Numbers | Module 6: Mixed Practice with Operations
Unit 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

MA.K12.MTR.1.1b	Ask questions that will help with solving the task.	<p>Unit 10: Algebra Module 1: Operations & Equations</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 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>
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		<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 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> <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>
MA.K12.MTR.1.1c	Build perseverance by modifying methods as needed while solving a challenging task.	

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 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

		<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>
MA.K12.MTR.1.1d	Stay engaged and maintain a positive mindset when working to solve tasks.	<p>Unit 10: Algebra Module 1: Operations & Equations</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>

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 Digit
Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit
Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits
Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits

Unit 5: Multiplication & Division Level 2 | Module 7: Mixed Practice
Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations

		Unit 6: Mixed Operations with Whole Numbers Module 2: Two–Four Digits by One Digit Unit 6: Mixed Operations with Whole Numbers Module 3: Two–Four Digits by Two Digits Unit 6: Mixed Operations with Whole Numbers Module 4: Three–Four Digits by Three Digits Unit 6: Mixed Operations with Whole Numbers Module 5: Four Digits Unit 6: Mixed Operations with Whole Numbers Module 6: Mixed Practice with Operations Unit 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
Mathematical Thinking and Reasoning		
	Standard 2: Demonstrate understanding by representing problems in multiple ways.	Standard 2: Demonstrate understanding by representing problems in multiple ways.
MA.K12.MTR.2.1	Demonstrate understanding by representing problems in multiple ways. Mathematicians who demonstrate understanding by representing problems in multiple ways:	Demonstrate understanding by representing problems in multiple ways. Mathematicians who demonstrate understanding by representing problems in multiple ways:
MA.K12.MTR.2.1a	Build understanding through modeling and using manipulatives.	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 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 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 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
Unit 9: Measurement, Geometry & Data | Module 2: Lines & Angles

MA.K12.MTR.2.1b	Represent solutions to problems in multiple ways using objects, drawings, tables, graphs and equations.	<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>
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		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 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
MA.K12.MTR.2.1c	Progress from modeling problems with objects and drawings to using algorithms and equations.	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 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
MA.K12.MTR.2.1d	Express connections between concepts and representations.	

		Unit 2: Addition & Subtraction Level 2 Module 6: Three-Digit Numbers Unit 7: Fractions, Decimals & Percents Level 1 Module 1: Understanding Fractions Unit 7: Fractions, Decimals & Percents Level 1 Module 2: Application of Concepts
MA.K12.MTR.2.1e	Choose a representation based on the given context or purpose.	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 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 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 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
Mathematical Thinking and Reasoning		
	Standard 3: Complete tasks with mathematical fluency.	Standard 3: Complete tasks with mathematical fluency.
MA.K12.MTR.3.1	Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency:	Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency:
MA.K12.MTR.3.1a	Select efficient and appropriate methods for solving problems within the given context.	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 Digit
Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit
Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits
Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits

Unit 5: Multiplication & Division Level 2 | Module 7: Mixed Practice
Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations
Unit 6: Mixed Operations with Whole Numbers | Module 2: Two–Four Digits by One Digit
Unit 6: Mixed Operations with Whole Numbers | Module 3: Two–Four Digits by Two Digits
Unit 6: Mixed Operations with Whole Numbers | Module 4: Three–Four Digits by Three Digits

		Unit 6: Mixed Operations with Whole Numbers Module 5: Four Digits Unit 6: Mixed Operations with Whole Numbers Module 6: Mixed Practice with Operations Unit 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
MA.K12.MTR.3.1b	Maintain flexibility and accuracy while performing procedures and mental calculations.	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 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

		<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 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> <p>Unit 9: Measurement, Geometry & Data Module 1: 2-D Shapes</p> <p>Unit 9: Measurement, Geometry & Data Module 2: Lines & Angles</p>
MA.K12.MTR.3.1d	Adapt procedures to apply them to a new context.	<p>Unit 10: Algebra Module 1: Operations & Equations</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>

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 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 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
Mathematical Thinking and Reasoning		
MA.K12.MTR.5.1	Standard 5: Use patterns and structure to help understand and connect mathematical concepts. Use patterns and structure to help understand and connect mathematical concepts. Mathematicians who use patterns and structure to help understand and connect mathematical concepts:	Standard 5: Use patterns and structure to help understand and connect mathematical concepts. Use patterns and structure to help understand and connect mathematical concepts. Mathematicians who use patterns and structure to help understand and connect mathematical concepts:
MA.K12.MTR.5.1a	Focus on relevant details within a problem.	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 Digit

Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit

Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm

Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm

Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits

Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits

		Unit 5: Multiplication & Division Level 2 Module 7: Mixed Practice Unit 6: Mixed Operations with Whole Numbers Module 1: Relationships of Operations Unit 6: Mixed Operations with Whole Numbers Module 2: Two–Four Digits by One Digit Unit 6: Mixed Operations with Whole Numbers Module 3: Two–Four Digits by Two Digits Unit 6: Mixed Operations with Whole Numbers Module 4: Three–Four Digits by Three Digits Unit 6: Mixed Operations with Whole Numbers Module 5: Four Digits Unit 6: Mixed Operations with Whole Numbers Module 6: Mixed Practice with Operations Unit 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
MA.K12.MTR.5.1b	Create plans and procedures to logically order events, steps or ideas to solve problems.	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 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
MA.K12.MTR.5.1c	Decompose a complex problem into manageable parts.	

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 Digit

Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit

Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm

		Unit 5: Multiplication & Division Level 2 Module 4: Division Using the Algorithm Unit 5: Multiplication & Division Level 2 Module 5: Multiplication by Two Digits Unit 5: Multiplication & Division Level 2 Module 6: Division by Two Digits Unit 5: Multiplication & Division Level 2 Module 7: Mixed Practice Unit 6: Mixed Operations with Whole Numbers Module 1: Relationships of Operations Unit 6: Mixed Operations with Whole Numbers Module 2: Two–Four Digits by One Digit Unit 6: Mixed Operations with Whole Numbers Module 3: Two–Four Digits by Two Digits Unit 6: Mixed Operations with Whole Numbers Module 4: Three–Four Digits by Three Digits Unit 6: Mixed Operations with Whole Numbers Module 5: Four Digits Unit 6: Mixed Operations with Whole Numbers Module 6: Mixed Practice with Operations Unit 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
Mathematical Thinking and Reasoning		
	Standard 6: Assess the reasonableness of solutions.	Standard 6: Assess the reasonableness of solutions.
MA.K12.MTR.6.1	Assess the reasonableness of solutions. Mathematicians who assess the reasonableness of solutions:	Assess the reasonableness of solutions. Mathematicians who assess the reasonableness of solutions:
MA.K12.MTR.6.1a	Estimate to discover possible solutions.	

		Unit 5: Multiplication & Division Level 2 Module 3: Multiplication 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
Mathematical Thinking and Reasoning		
	Standard 7: Apply mathematics to real-world contexts.	Standard 7: Apply mathematics to real-world contexts.
MA.K12.MTR.7.1	Apply mathematics to real-world contexts. Mathematicians who apply mathematics to real-world contexts:	Apply mathematics to real-world contexts. Mathematicians who apply mathematics to real-world contexts:
MA.K12.MTR.7.1a	Connect mathematical concepts to everyday experiences.	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 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 8: Fractions, Decimals & Percents Level 2 Module 7: Application Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review
MA.K12.MTR.7.1b	Use models and methods to understand, represent and solve problems.	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 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

		<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 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>
MA.K12.MTR.7.1c	<p>Perform investigations to gather data or determine if a method is appropriate. • Redesign models and methods to improve accuracy or efficiency.</p>	<p>Unit 10: Algebra Module 1: Operations & Equations</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>

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 Digit
Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit
Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits
Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits

Unit 5: Multiplication & Division Level 2 | Module 7: Mixed Practice
Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations
Unit 6: Mixed Operations with Whole Numbers | Module 2: Two–Four Digits by One Digit
Unit 6: Mixed Operations with Whole Numbers | Module 3: Two–Four Digits by Two Digits
Unit 6: Mixed Operations with Whole Numbers | Module 4: Three–Four Digits by Three Digits
Unit 6: Mixed Operations with Whole Numbers | Module 5: Four Digits
Unit 6: Mixed Operations with Whole Numbers | Module 6: Mixed Practice with Operations
Unit 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
Number Sense and Operations		
	Standard 1: Understand place value for multi-digit numbers.	Standard 1: Understand place value for multi-digit numbers.
MA.4.NSO.1.1.	Express how the value of a digit in a multi-digit whole number changes if the digit moves one place to the left or right.	Unit 2: Addition & Subtraction Level 2 Module 3: Place Value Unit 5: Multiplication & Division Level 2 Module 3: Multiplication Using the Algorithm Unit 6: Mixed Operations with Whole Numbers Module 2: Two–Four Digits by One Digit
MA.4.NSO.1.2.	Read and write multi-digit whole numbers from 0 to 1,000,000 using standard form, expanded form and word form.	Unit 2: Addition & Subtraction Level 2 Module 1: Counting to 1,000 Unit 2: Addition & Subtraction Level 2 Module 3: Place Value Unit 5: Multiplication & Division Level 2 Module 3: Multiplication Using the Algorithm Unit 6: Mixed Operations with Whole Numbers Module 5: Four Digits
MA.4.NSO.1.3.	Plot, order and compare multi-digit whole numbers up to 1,000,000.	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 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 Unit 6: Mixed Operations with Whole Numbers Module 5: Four Digits Unit 6: Mixed Operations with Whole Numbers Module 6: Mixed Practice with Operations
MA.4.NSO.1.4.	Round whole numbers from 0 to 10,000 to the nearest 10, 100 or 1,000.	Unit 2: Addition & Subtraction Level 2 Module 3: Place Value 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
MA.4.NSO.1.5.	Plot, order and compare decimals up to the hundredths.	Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application

Number Sense and Operations**Standard 2: Build an understanding of operations with multi-digit numbers including decimals.****Standard 2: Build an understanding of operations with multi-digit numbers including decimals.**

MA.4.NSO.2.1.

Recall multiplication facts with factors up to 12 and related division facts with automaticity.

Unit 4: Multiplication & Division Level 1 | Module 2: Multiplication
 Unit 4: Multiplication & Division Level 1 | Module 3: Division
 Unit 4: Multiplication & Division Level 1 | Module 4: Strategies
 Unit 4: Multiplication & Division Level 1 | Module 5: Multiples & Factors
 Unit 4: Multiplication & Division Level 1 | Module 6: Mixed Multiplication & Division
 Unit 5: Multiplication & Division Level 2 | Module 1: Multiplication by One Digit
 Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit
 Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm
 Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm
 Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits
 Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits

Unit 5: Multiplication & Division Level 2 | Module 7: Mixed Practice
 Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations
 Unit 6: Mixed Operations with Whole Numbers | Module 2: Two-Four Digits by One Digit
 Unit 6: Mixed Operations with Whole Numbers | Module 3: Two-Four Digits by Two Digits

		Unit 6: Mixed Operations with Whole Numbers Module 4: Three–Four Digits by Three Digits Unit 6: Mixed Operations with Whole Numbers Module 5: Four Digits Unit 6: Mixed Operations with Whole Numbers Module 6: Mixed Practice with Operations
MA.4.NSO.2.2.	Multiply two whole numbers, up to three digits by up to two digits, with procedural reliability.	Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit Unit 5: Multiplication & Division Level 2 Module 3: Multiplication Using the Algorithm Unit 5: Multiplication & Division Level 2 Module 5: Multiplication by Two Digits Unit 5: Multiplication & Division Level 2 Module 7: Mixed Practice Unit 6: Mixed Operations with Whole Numbers Module 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
MA.4.NSO.2.3.	Multiply two whole numbers, each up to two digits, including using a standard algorithm with procedural fluency.	Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit

		<p>Unit 5: Multiplication & Division Level 2 Module 3: Multiplication 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 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>
MA.4.NSO.2.4.	Divide a whole number up to four digits by a one-digit whole number with procedural reliability. Represent remainders as fractional parts of the divisor.	<p>Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit</p> <p>Unit 5: Multiplication & Division Level 2 Module 4: Division Using the Algorithm</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>
MA.4.NSO.2.5.	Explore the multiplication and division of multi-digit whole numbers using estimation, rounding and place value.	

		<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 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>
MA.4.NSO.2.6.	Identify the number that is one-tenth more, one-tenth less, one-hundredth more and one-hundredth less than a given number.	<p>Unit 10: Algebra Module 1: Operations & Equations</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application</p>
MA.4.NSO.2.7.	Explore the addition and subtraction of multi-digit numbers with decimals to the hundredths.	<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>
Fractions		
	Standard 1: Develop an understanding of the relationship between different fractions and the relationship between fractions and decimals.	Standard 1: Develop an understanding of the relationship between different fractions and the relationship between fractions and decimals.

MA.4.FR.1.3.	Identify and generate equivalent fractions, including fractions greater than one. Describe how the numerator and denominator are affected when the equivalent fraction is created.	<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>
MA.4.FR.1.4.	Plot, order and compare fractions, including mixed numbers and fractions greater than one, with different numerators and different denominators.	<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 7: Application</p> <p>Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review</p>
Fractions		
	Standard 2: Build a foundation of addition, subtraction and multiplication operations with fractions.	Standard 2: Build a foundation of addition, subtraction and multiplication operations with fractions.

MA.4.FR.2.2.	Add and subtract fractions with like denominators, including mixed numbers and fractions greater than one, with procedural reliability.	Unit 8: Fractions, Decimals & Percents Level 2 Module 1: Addition & Subtraction of Fractions Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review
MA.4.FR.2.3.	Explore the addition of a fraction with denominator of 10 to a fraction with denominator of 100 using equivalent fractions.	Unit 8: Fractions, Decimals & Percents Level 2 Module 1: Addition & Subtraction of Fractions Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review
MA.4.FR.2.4.	Extend previous understanding of multiplication to explore the multiplication of a fraction by a whole number or a whole number by a fraction.	Unit 8: Fractions, Decimals & Percents Level 2 Module 2: Multiplication & Division of Fractions Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application
Algebraic Reasoning		
	Standard 1: Represent and solve problems involving the four operations with whole numbers and fractions.	Standard 1: Represent and solve problems involving the four operations with whole numbers and fractions.

MA.4.AR.1.1.	Solve real-world problems involving multiplication and division of whole numbers including problems in which remainders must be interpreted within the context.	<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 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>
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MA.4.AR.1.2.	Solve real-world problems involving addition and subtraction of fractions with like denominators, including mixed numbers and fractions greater than one.	<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>
MA.4.AR.1.3.	Solve real-world problems involving multiplication of a fraction by a whole number or a whole number by a fraction.	<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>
Algebraic Reasoning		
	Standard 2: Demonstrate an understanding of equality and operations with whole numbers.	Standard 2: Demonstrate an understanding of equality and operations with whole numbers.
MA.4.AR.2.1.	Determine and explain whether an equation involving any of the four operations with whole numbers is true or false.	<p>Unit 1: Addition & Subtraction Level 1 Module 8: Mixed Addition & Subtraction</p>

		Unit 2: Addition & Subtraction Level 2 Module 2: Within 20 Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division Unit 6: Mixed Operations with Whole Numbers Module 2: Two–Four Digits by One Digit Unit 6: Mixed Operations with Whole Numbers Module 6: Mixed Practice with Operations
MA.4.AR.2.2.	Given a mathematical or real-world context, write an equation involving multiplication or division to determine the unknown whole number with the unknown in any position.	Unit 4: Multiplication & Division Level 1 Module 2: Multiplication Unit 4: Multiplication & Division Level 1 Module 3: Division Unit 4: Multiplication & Division Level 1 Module 4: Strategies Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit Unit 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 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 7: Application Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review

Algebraic Reasoning		
	Standard 3: Recognize numerical patterns, including patterns that follow a given rule.	Standard 3: Recognize numerical patterns, including patterns that follow a given rule.
MA.4.AR.3.1.	Determine factor pairs for a whole number from 0 to 144. Determine whether a whole number from 0 to 144 is prime, composite or neither.	<p>Unit 3: Skip Counting Module 8: Skip Counting by 9</p> <p>Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors</p>
MA.4.AR.3.2.	Generate, describe and extend a numerical pattern that follows a given rule.	<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>
Measurement		
	Standard 2: Solve problems involving time and money.	Standard 2: Solve problems involving time and money.

MA.4.M.2.2.	Solve one- and two-step addition and subtraction real-world problems involving money using decimal notation.	Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application
	Geometric Reasoning	Geometric Reasoning
	Standard 1: Draw, classify and measure angles.	Standard 1: Draw, classify and measure angles.
MA.4.GR.1.1.	Informally explore angles as an attribute of two-dimensional figures. Identify and classify angles as acute, right, obtuse, straight or reflex.	Unit 9: Measurement, Geometry & Data Module 1: 2-D Shapes Unit 9: Measurement, Geometry & Data Module 2: Lines & Angles
MA.4.GR.1.2.	Estimate angle measures. Using a protractor, measure angles in whole-number degrees and draw angles of specified measure in whole-number degrees. Demonstrate that angle measure is additive.	Estimate angle measures. Using a protractor, measure angles in whole-number degrees and draw angles of specified measure in whole-number degrees. Demonstrate that angle measure is additive. <u>TouchMath</u> Unit 9: Measurement, Geometry & Data Module 2: Lines & Angles
Grade: 5 - Adopted: 2020		
STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
	Standard 1: Actively participate in effortful learning both individually and collectively.	Standard 1: Actively participate in effortful learning both individually and collectively.

MA.K12.MTR.1.1	Mathematicians who participate in effortful learning both individually and with others:	Mathematicians who participate in effortful learning both individually and with others:
MA.K12.MTR.1.1a	Analyze the problem in a way that makes sense given the task.	<p>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 Unit 10: Algebra Module 6: Patterns & Structure Unit 10: Algebra Module 7: Geometry Unit 4: Multiplication & Division Level 1 Module 1: Skip Counting Review</p> <p>Unit 4: Multiplication & Division Level 1 Module 2: Multiplication Unit 4: Multiplication & Division Level 1 Module 3: Division Unit 4: Multiplication & Division Level 1 Module 4: Strategies Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit Unit 5: Multiplication & Division Level 2 Module 3: Multiplication Using the Algorithm Unit 5: Multiplication & Division Level 2 Module 4: Division Using the Algorithm Unit 5: Multiplication & Division Level 2 Module 5: Multiplication by Two Digits Unit 5: Multiplication & Division Level 2 Module 6: Division by Two Digits</p> <p>Unit 5: Multiplication & Division Level 2 Module 7: Mixed Practice 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>
MA.K12.MTR.1.1b	Ask questions that will help with solving the task.	

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
Unit 10: Algebra | Module 6: Patterns & Structure
Unit 10: Algebra | Module 7: Geometry
Unit 4: Multiplication & Division Level 1 | Module 1: Skip Counting Review

Unit 4: Multiplication & Division Level 1 | Module 2: Multiplication
Unit 4: Multiplication & Division Level 1 | Module 3: Division
Unit 4: Multiplication & Division Level 1 | Module 4: Strategies
Unit 4: Multiplication & Division Level 1 | Module 5: Multiples & Factors
Unit 4: Multiplication & Division Level 1 | Module 6: Mixed Multiplication & Division
Unit 5: Multiplication & Division Level 2 | Module 1: Multiplication by One Digit
Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit
Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits
Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits

Unit 5: Multiplication & Division Level 2 | Module 7: Mixed Practice
Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations
Unit 6: Mixed Operations with Whole Numbers | Module 2: Two–Four Digits by One Digit
Unit 6: Mixed Operations with Whole Numbers | Module 3: Two–Four Digits by Two Digits
Unit 6: Mixed Operations with Whole Numbers | Module 4: Three–Four Digits by Three Digits
Unit 6: Mixed Operations with Whole Numbers | Module 5: Four Digits

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

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

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

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

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

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

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

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

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

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

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

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

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

Unit 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

MA.K12.MTR.1.1c	Build perseverance by modifying methods as needed while solving a challenging task.	<p>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 Unit 10: Algebra Module 6: Patterns & Structure Unit 10: Algebra Module 7: Geometry Unit 4: Multiplication & Division Level 1 Module 1: Skip Counting Review</p> <p>Unit 4: Multiplication & Division Level 1 Module 2: Multiplication Unit 4: Multiplication & Division Level 1 Module 3: Division Unit 4: Multiplication & Division Level 1 Module 4: Strategies Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit Unit 5: Multiplication & Division Level 2 Module 3: Multiplication Using the Algorithm Unit 5: Multiplication & Division Level 2 Module 4: Division Using the Algorithm Unit 5: Multiplication & Division Level 2 Module 5: Multiplication by Two Digits Unit 5: Multiplication & Division Level 2 Module 6: Division by Two Digits</p> <p>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</p>
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		<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>
MA.K12.MTR.1.1d	Stay engaged and maintain a positive mindset when working to solve tasks.	<p>Unit 10: Algebra Module 1: Operations & Equations</p>

Unit 10: Algebra | Module 2: Ratios & Proportions
Unit 10: Algebra | Module 4: Expressions
Unit 10: Algebra | Module 5: Variables
Unit 10: Algebra | Module 6: Patterns & Structure
Unit 10: Algebra | Module 7: Geometry
Unit 4: Multiplication & Division Level 1 | Module 1: Skip Counting Review

Unit 4: Multiplication & Division Level 1 | Module 2: Multiplication
Unit 4: Multiplication & Division Level 1 | Module 3: Division
Unit 4: Multiplication & Division Level 1 | Module 4: Strategies
Unit 4: Multiplication & Division Level 1 | Module 5: Multiples & Factors
Unit 4: Multiplication & Division Level 1 | Module 6: Mixed Multiplication & Division
Unit 5: Multiplication & Division Level 2 | Module 1: Multiplication by One Digit
Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit
Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits
Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits

Unit 5: Multiplication & Division Level 2 | Module 7: Mixed Practice
Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations
Unit 6: Mixed Operations with Whole Numbers | Module 2: Two-Four Digits by One Digit
Unit 6: Mixed Operations with Whole Numbers | Module 3: Two-Four Digits by Two Digits
Unit 6: Mixed Operations with Whole Numbers | Module 4: Three-Four Digits by Three Digits
Unit 6: Mixed Operations with Whole Numbers | Module 5: Four Digits

		<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>
Mathematical Thinking and Reasoning		
	Standard 2: Demonstrate understanding by representing problems in multiple ways.	Standard 2: Demonstrate understanding by representing problems in multiple ways.

MA.K12.MTR.2.1	Demonstrate understanding by representing problems in multiple ways. Mathematicians who demonstrate understanding by representing problems in multiple ways:	Demonstrate understanding by representing problems in multiple ways. Mathematicians who demonstrate understanding by representing problems in multiple ways:
MA.K12.MTR.2.1a	Build understanding through modeling and using manipulatives.	<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> <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 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 6: Mixed Practice with Operations</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 3: Inequalities</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 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 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>
MA.K12.MTR.2.1b	Represent solutions to problems in multiple ways using objects, drawings, tables, graphs and equations.	<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> <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>

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
MA.K12.MTR.2.1c	Progress from modeling problems with objects and drawings to using algorithms and equations.	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 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
MA.K12.MTR.2.1d	Express connections between concepts and representations.	Unit 10: Algebra Module 6: Patterns & Structure 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 9: Measurement, Geometry & Data Module 4: Perimeter, Area & Volume
MA.K12.MTR.2.1e	Choose a representation based on the given context or purpose.	Unit 10: Algebra Module 2: Ratios & Proportions Unit 10: Algebra Module 4: Expressions Unit 10: Algebra Module 5: Variables Unit 10: Algebra Module 7: Geometry 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 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 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
Mathematical Thinking and Reasoning		
	Standard 3: Complete tasks with mathematical fluency.	Standard 3: Complete tasks with mathematical fluency.
MA.K12.MTR.3.1	Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency:	Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency:
MA.K12.MTR.3.1a	Select efficient and appropriate methods for solving problems within the given context.	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 Unit 10: Algebra Module 6: Patterns & Structure Unit 10: Algebra Module 7: Geometry Unit 4: Multiplication & Division Level 1 Module 1: Skip Counting Review Unit 4: Multiplication & Division Level 1 Module 2: Multiplication Unit 4: Multiplication & Division Level 1 Module 3: Division Unit 4: Multiplication & Division Level 1 Module 4: Strategies

Unit 4: Multiplication & Division Level 1 | Module 5: Multiples & Factors
Unit 4: Multiplication & Division Level 1 | Module 6: Mixed Multiplication & Division
Unit 5: Multiplication & Division Level 2 | Module 1: Multiplication by One Digit
Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit
Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits
Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits

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

		<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>
MA.K12.MTR.3.1b	Maintain flexibility and accuracy while performing procedures and mental calculations.	<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> <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 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>

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

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

		Unit 8: Fractions, Decimals & Percents Level 2 Module 5: Percents Unit 9: Measurement, Geometry & Data Module 1: 2-D Shapes Unit 9: Measurement, Geometry & Data Module 2: Lines & Angles Unit 9: Measurement, Geometry & Data Module 3: Classification of 2-D Figures Unit 9: Measurement, Geometry & Data Module 4: Perimeter, Area & Volume Unit 9: Measurement, Geometry & Data Module 5: Time, Money & Distance Unit 9: Measurement, Geometry & Data Module 6: Units of Measure Unit 9: Measurement, Geometry & Data Module 7: Data Representation Unit 9: Measurement, Geometry & Data Module 8: Data Analysis
MA.K12.MTR.3.1d	Adapt procedures to apply them to a new context.	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 Unit 10: Algebra Module 6: Patterns & Structure Unit 10: Algebra Module 7: Geometry 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 7: Fractions, Decimals & Percents Level 1 | Module 3: Inequalities

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

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

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

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

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

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

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

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

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

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

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

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

		Unit 9: Measurement, Geometry & Data Module 3: Classification of 2-D Figures Unit 9: Measurement, Geometry & Data Module 4: Perimeter, Area & Volume Unit 9: Measurement, Geometry & Data Module 5: Time, Money & Distance Unit 9: Measurement, Geometry & Data Module 6: Units of Measure Unit 9: Measurement, Geometry & Data Module 7: Data Representation Unit 9: Measurement, Geometry & Data Module 8: Data Analysis
Mathematical Thinking and Reasoning		
	Standard 5: Use patterns and structure to help understand and connect mathematical concepts.	Standard 5: Use patterns and structure to help understand and connect mathematical concepts.
MA.K12.MTR.5.1	Use patterns and structure to help understand and connect mathematical concepts. Mathematicians who use patterns and structure to help understand and connect mathematical concepts:	Use patterns and structure to help understand and connect mathematical concepts. Mathematicians who use patterns and structure to help understand and connect mathematical concepts:
MA.K12.MTR.5.1a	Focus on relevant details within a problem.	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 Unit 10: Algebra Module 6: Patterns & Structure Unit 10: Algebra Module 7: Geometry Unit 4: Multiplication & Division Level 1 Module 1: Skip Counting Review

Unit 4: Multiplication & Division Level 1 | Module 2: Multiplication
Unit 4: Multiplication & Division Level 1 | Module 3: Division
Unit 4: Multiplication & Division Level 1 | Module 4: Strategies
Unit 4: Multiplication & Division Level 1 | Module 5: Multiples & Factors
Unit 4: Multiplication & Division Level 1 | Module 6: Mixed Multiplication & Division
Unit 5: Multiplication & Division Level 2 | Module 1: Multiplication by One Digit
Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit
Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm
Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits
Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits

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

		<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>
MA.K12.MTR.5.1b	Create plans and procedures to logically order events, steps or ideas to solve problems.	<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> <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 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>

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>
MA.K12.MTR.5.1c	Decompose a complex problem into manageable parts.	<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> <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>

Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm

Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm

Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits

Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits

Unit 5: Multiplication & Division Level 2 | Module 7: Mixed Practice

Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations

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

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

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

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

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

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

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

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

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

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
Mathematical Thinking and Reasoning		
	Standard 6: Assess the reasonableness of solutions.	Standard 6: Assess the reasonableness of solutions.
MA.K12.MTR.6.1	Assess the reasonableness of solutions. Mathematicians who assess the reasonableness of solutions:	Assess the reasonableness of solutions. Mathematicians who assess the reasonableness of solutions:
MA.K12.MTR.6.1a	Estimate to discover possible solutions.	Unit 5: Multiplication & Division Level 2 Module 3: Multiplication 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
Mathematical Thinking and Reasoning		
	Standard 7: Apply mathematics to real-world contexts.	Standard 7: Apply mathematics to real-world contexts.

MA.K12.MTR.7.1	Apply mathematics to real-world contexts. Mathematicians who apply mathematics to real-world contexts:	Apply mathematics to real-world contexts. Mathematicians who apply mathematics to real-world contexts:
MA.K12.MTR.7.1a	Connect mathematical concepts to everyday experiences.	<p>Unit 10: Algebra Module 2: Ratios & Proportions Unit 10: Algebra Module 4: Expressions Unit 10: Algebra Module 5: Variables Unit 10: Algebra Module 6: Patterns & Structure Unit 10: Algebra Module 7: Geometry Unit 4: Multiplication & Division Level 1 Module 1: Skip Counting Review</p> <p>Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors Unit 7: Fractions, Decimals & Percents Level 1 Module 8: Relationships of Fractions, Decimals & Percents Unit 8: Fractions, Decimals & Percents Level 2 Module 5: Percents 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</p>
MA.K12.MTR.7.1b	Use models and methods to understand, represent and solve problems.	<p>Unit 10: Algebra Module 2: Ratios & Proportions Unit 10: Algebra Module 4: Expressions</p>

Unit 10: Algebra | Module 5: Variables
Unit 10: Algebra | Module 6: Patterns & Structure
Unit 10: Algebra | Module 7: Geometry
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 3: Inequalities
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 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

MA.K12.MTR.7.1c	<p>Perform investigations to gather data or determine if a method is appropriate. • Redesign models and methods to improve accuracy or efficiency.</p>	<p>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 Unit 10: Algebra Module 6: Patterns & Structure Unit 10: Algebra Module 7: Geometry Unit 4: Multiplication & Division Level 1 Module 1: Skip Counting Review</p> <p>Unit 4: Multiplication & Division Level 1 Module 2: Multiplication Unit 4: Multiplication & Division Level 1 Module 3: Division Unit 4: Multiplication & Division Level 1 Module 4: Strategies Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit Unit 5: Multiplication & Division Level 2 Module 3: Multiplication Using the Algorithm Unit 5: Multiplication & Division Level 2 Module 4: Division Using the Algorithm Unit 5: Multiplication & Division Level 2 Module 5: Multiplication by Two Digits Unit 5: Multiplication & Division Level 2 Module 6: Division by Two Digits</p> <p>Unit 5: Multiplication & Division Level 2 Module 7: Mixed Practice Unit 6: Mixed Operations with Whole Numbers Module 1: Relationships of Operations</p>
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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

Number Sense and Operations

	Standard 1: Understand the place value of multi-digit numbers with decimals to the thousandths place.	Standard 1: Understand the place value of multi-digit numbers with decimals to the thousandths place.
MA.5.NSO.1.1.	Express how the value of a digit in a multi-digit number with decimals to the thousandths changes if the digit moves one or more places to the left or right.	<p>Unit 10: Algebra Module 1: Operations & Equations</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 6: Decimals</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 7: Application</p>
MA.5.NSO.1.2.	Read and write multi-digit numbers with decimals to the thousandths using standard form, word form and expanded form.	<p>Unit 7: Fractions, Decimals & Percents Level 1 Module 6: Decimals</p> <p>Unit 7: Fractions, Decimals & Percents Level 1 Module 7: Percents</p>
MA.5.NSO.1.3.	Compose and decompose multi-digit numbers with decimals to the thousandths in multiple ways using the values of the digits in each place. Demonstrate the compositions or decompositions using objects, drawings and expressions or equations.	

		Unit 10: Algebra Module 1: Operations & Equations Unit 7: Fractions, Decimals & Percents Level 1 Module 6: Decimals 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 7: Application
MA.5.NSO.1.4.	Plot, order and compare multi-digit numbers with decimals up to the thousandths.	Unit 7: Fractions, Decimals & Percents Level 1 Module 6: Decimals 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
MA.5.NSO.1.5.	Round multi-digit numbers with decimals to the thousandths to the nearest hundredth, tenth or whole number.	Unit 7: Fractions, Decimals & Percents Level 1 Module 6: Decimals Unit 7: Fractions, Decimals & Percents Level 1 Module 8: Relationships of Fractions, Decimals & Percents Unit 8: Fractions, Decimals & Percents Level 2 Module 5: Percents Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review
Number Sense and Operations		

	Standard 2: Add, subtract, multiply and divide multi-digit numbers.	Standard 2: Add, subtract, multiply and divide multi-digit numbers.
MA.5.NSO.2.1.	Multiply multi-digit whole numbers including using a standard algorithm with procedural fluency.	<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 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>
MA.5.NSO.2.2.	Divide multi-digit whole numbers, up to five digits by two digits, including using a standard algorithm with procedural fluency. Represent remainders as fractions.	<p>Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit</p> <p>Unit 5: Multiplication & Division Level 2 Module 4: Division Using the Algorithm</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 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>

		Unit 6: Mixed Operations with Whole Numbers Module 6: Mixed Practice with Operations
MA.5.NSO.2.3.	Add and subtract multi-digit numbers with decimals to the thousandths, including using a standard algorithm with procedural fluency.	<p>Unit 8: Fractions, Decimals & Percents Level 2 Module 3: Addition & Subtraction of Decimals</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>
MA.5.NSO.2.4.	Explore the multiplication and division of multi-digit numbers with decimals to the hundredths using estimation, rounding and place value.	<p>Unit 8: Fractions, Decimals & Percents Level 2 Module 4: Multiplication & Division of Decimals</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>
MA.5.NSO.2.5.	Multiply and divide a multi-digit number with decimals to the tenths by one-tenth and one-hundredth with procedural reliability.	<p>Unit 8: Fractions, Decimals & Percents Level 2 Module 4: Multiplication & Division of Decimals</p>

		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
		Fractions
	Standard 1: Interpret a fraction as an answer to a division problem.	Standard 1: Interpret a fraction as an answer to a division problem.
MA.5.FR.1.1.	Given a mathematical or real-world problem, represent the division of two whole numbers as a fraction.	<p>Unit 10: Algebra Module 5: Variables</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 8: Mixed Review</p>
		Fractions
	Standard 2: Perform operations with fractions.	Standard 2: Perform operations with fractions.
MA.5.FR.2.1.	Add and subtract fractions with unlike denominators, including mixed numbers and fractions greater than 1, with procedural reliability.	<p>Unit 8: Fractions, Decimals & Percents Level 2 Module 1: Addition & Subtraction of Fractions</p>

		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
MA.5.FR.2.2.	Extend previous understanding of multiplication to multiply a fraction by a fraction, including mixed numbers and fractions greater than 1, with procedural reliability.	Unit 8: Fractions, Decimals & Percents Level 2 Module 2: Multiplication & Division of Fractions 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
MA.5.FR.2.3.	When multiplying a given number by a fraction less than 1 or a fraction greater than 1, predict and explain the relative size of the product to the given number without calculating.	Unit 8: Fractions, Decimals & Percents Level 2 Module 2: Multiplication & Division of Fractions Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application
MA.5.FR.2.4.	Extend previous understanding of division to explore the division of a unit fraction by a whole number and a whole number by a unit fraction.	Unit 8: Fractions, Decimals & Percents Level 2 Module 2: Multiplication & Division of Fractions

Algebraic Reasoning		
	Standard 1: Solve problems involving the four operations with whole numbers and fractions.	Standard 1: Solve problems involving the four operations with whole numbers and fractions.
MA.5.AR.1.1.	Solve multi-step real-world problems involving any combination of the four operations with whole numbers, including problems in which remainders must be interpreted within the context.	<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 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>

		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
MA.5.AR.1.2.	Solve real-world problems involving the addition, subtraction or multiplication of fractions, including mixed numbers and fractions greater than 1.	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 6: Mixed Practice Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application Unit 8: Fractions, Decimals & Percents Level 2 Module 8: Mixed Review
MA.5.AR.1.3.	Solve real-world problems involving division of a unit fraction by a whole number and a whole number by a unit fraction.	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 6: Mixed Practice Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application

Algebraic Reasoning**Standard 2: Demonstrate an understanding of equality, the order of operations and equivalent numerical expressions.****Standard 2: Demonstrate an understanding of equality, the order of operations and equivalent numerical expressions.**

MA.5.AR.2.2.

Evaluate multi-step numerical expressions using order of operations.

Unit 10: Algebra | Module 1: Operations & Equations

MA.5.AR.2.3.

Determine and explain whether an equation involving any of the four operations is true or false.

Unit 4: Multiplication & Division Level 1 | Module 6: Mixed Multiplication & Division

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

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

Measurement**Standard 1: Convert measurement units to solve multi-step problems.****Standard 1: Convert measurement units to solve multi-step problems.**

MA.5.M.1.1.

Solve multi-step real-world problems that involve converting measurement units to equivalent measurements within a single system of measurement.

		Unit 8: Fractions, Decimals & Percents Level 2 Module 6: Mixed Practice
		Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application Unit 9: Measurement, Geometry & Data Module 6: Units of Measure
		Measurement
	Standard 2: Solve problems involving money.	Standard 2: Solve problems involving money.
MA.5.M.2.1.	Solve multi-step real-world problems involving money using decimal notation.	<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 9: Measurement, Geometry & Data Module 5: Time, Money & Distance</p>
		Geometric Reasoning
	Standard 1: Classify two-dimensional figures and three-dimensional figures based on defining attributes.	Standard 1: Classify two-dimensional figures and three-dimensional figures based on defining attributes.
MA.5.GR.1.1.	Classify triangles or quadrilaterals into different categories based on shared defining attributes. Explain why a triangle or quadrilateral would or would not belong to a category.	

		Unit 9: Measurement, Geometry & Data Module 1: 2-D Shapes Unit 9: Measurement, Geometry & Data Module 3: Classification of 2-D Figures
Geometric Reasoning		
	Standard 2: Find the perimeter and area of rectangles with fractional or decimal side lengths.	Standard 2: Find the perimeter and area of rectangles with fractional or decimal side lengths.
MA.5.GR.2.1.	Find the perimeter and area of a rectangle with fractional or decimal side lengths using visual models and formulas.	Unit 9: Measurement, Geometry & Data Module 4: Perimeter, Area & Volume
Geometric Reasoning		
	Standard 3: Solve problems involving the volume of right rectangular prisms.	Standard 3: Solve problems involving the volume of right rectangular prisms.
MA.5.GR.3.1.	Explore volume as an attribute of three-dimensional figures by packing them with unit cubes without gaps. Find the volume of a right rectangular prism with whole-number side lengths by counting unit cubes.	Unit 10: Algebra Module 7: Geometry Unit 9: Measurement, Geometry & Data Module 4: Perimeter, Area & Volume

MA.5.GR.3.2.	Find the volume of a right rectangular prism with whole-number side lengths using a visual model and a formula.	Unit 10: Algebra Module 4: Expressions Unit 10: Algebra Module 7: Geometry Unit 9: Measurement, Geometry & Data Module 4: Perimeter, Area & Volume
Geometric Reasoning		
	Standard 4: Plot points and represent problems on the coordinate plane.	Standard 4: Plot points and represent problems on the coordinate plane.
MA.5.GR.4.1.	Identify the origin and axes in the coordinate system. Plot and label ordered pairs in the first quadrant of the coordinate plane.	Unit 10: Algebra Module 2: Ratios & Proportions Unit 10: Algebra Module 4: Expressions Unit 10: Algebra Module 7: Geometry Unit 9: Measurement, Geometry & Data Module 7: Data Representation
MA.5.GR.4.2.	Represent mathematical and real-world problems by plotting points in the first quadrant of the coordinate plane and interpret coordinate values of points in the context of the situation.	Unit 10: Algebra Module 2: Ratios & Proportions Unit 10: Algebra Module 4: Expressions

		Unit 10: Algebra Module 7: Geometry Unit 9: Measurement, Geometry & Data Module 7: Data Representation
Data Analysis and Probability		
	Standard 1: Collect, represent and interpret data and find the mean, mode, median or range of a data set.	Standard 1: Collect, represent and interpret data and find the mean, mode, median or range of a data set.
MA.5.DP.1.1.	Collect and represent numerical data, including fractional and decimal values, using tables, line graphs or line plots.	Unit 9: Measurement, Geometry & Data Module 7: Data Representation Unit 9: Measurement, Geometry & Data Module 8: Data Analysis
MA.5.DP.1.2.	Interpret numerical data, with whole-number values, represented with tables or line plots by determining the mean, mode, median or range.	Unit 8: Fractions, Decimals & Percents Level 2 Module 7: Application Unit 9: Measurement, Geometry & Data Module 8: Data Analysis