TOUCHMATH®

Missouri Learning Standards

Subject: Mathematics

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

Grade: **K** - Adopted: **2016**

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
K.NS.A.	Know the number names and the count sequence.	Unit 1: Numbers & Operations Level 1 | Module 1: Representing 0-3 Unit 1: Numbers & Operations Level 1 | Module 2: Representing 4-5 Unit 1: Numbers & Operations Level 1 | Module 3: Comparing Unit 1: Numbers & Operations Level 1 | Module 6: Addition & Subtraction Unit 2: Number & Operations Level 2 | Module 1: Representing 6-7 Unit 2: Number & Operations Level 2 | Module 2: Representing 8-9 Unit 2: Number & Operations Level 2 | Module 3: Addition Unit 2: Number & Operations Level 2 | Module 4: Subtraction Unit 2: Number & Operations Level 2 | Module 5: Addition & Subtraction Unit 2: Number & Operations Level 2 | Module 6: Composing & Decomposing Unit 3: Number & Operations Level 3 | Module 1: Composing & Decomposing 10 Unit 3: Number & Operations Level 3 | Module 2: Numbers 10-15 Unit 3: Number & Operations Level 3 | Module 3: Numbers 16-20 Unit 3: Number & Operations Level 3 | Module 4: Place Value Unit 3: Number & Operations Level 3 | Module 5: Word Problems

		Unit 3: Number & Operations Level 3 | Module 6: Counting Unit 4: Measurement, Geometry, & Data | Module 2: Sorting & Classifying
K.NS.B.	Understand the relationship between numbers and quantities; connect counting to cardinality.	Unit 1: Numbers & Operations Level 1 | Module 1: Representing 0-3 Unit 1: Numbers & Operations Level 1 | Module 2: Representing 4-5 Unit 1: Numbers & Operations Level 1 | Module 3: Comparing Unit 1: Numbers & Operations Level 1 | Module 6: Addition & Subtraction Unit 2: Number & Operations Level 2 | Module 1: Representing 6-7 Unit 2: Number & Operations Level 2 | Module 2: Representing 8-9 Unit 2: Number & Operations Level 2 | Module 3: Addition Unit 2: Number & Operations Level 2 | Module 4: Subtraction Unit 2: Number & Operations Level 2 | Module 5: Addition & Subtraction Unit 2: Number & Operations Level 2 | Module 6: Composing & Decomposing Unit 3: Number & Operations Level 3 | Module 1: Composing & Decomposing 10 Unit 3: Number & Operations Level 3 | Module 2: Numbers 10-15 Unit 3: Number & Operations Level 3 | Module 3: Numbers 16-20 Unit 3: Number & Operations Level 3 | Module 4: Place Value Unit 3: Number & Operations Level 3 | Module 5: Word Problems Unit 3: Number & Operations Level 3 | Module 6: Counting
K.NS.C.	Compare numbers.	Unit 1: Numbers & Operations Level 1 | Module 1: Representing 0-3 Unit 1: Numbers & Operations Level 1 | Module 3: Comparing Unit 1: Numbers & Operations Level 1 | Module 6: Addition & Subtraction Unit 2: Number & Operations Level 2 | Module 1: Representing 6-7 Unit 2: Number & Operations Level 2 | Module 2: Representing 8-9 Unit 2: Number & Operations Level 2 | Module 3: Addition Unit 2: Number & Operations Level 2 | Module 4: Subtraction

		Unit 2: Number & Operations Level 2 | Module 5: Addition & Subtraction Unit 3: Number & Operations Level 3 | Module 1: Composing & Decomposing 10 Unit 3: Number & Operations Level 3 | Module 2: Numbers 10-15 Unit 3: Number & Operations Level 3 | Module 3: Numbers 16-20 Unit 4: Measurement, Geometry, & Data | Module 3: Data
MO.K.NBT.	**Number Sense and Operations in Base Ten**	**Number Sense and Operations in Base Ten**
K.NBT.A.	A Work with numbers 11 – 19 to gain foundations for place value.	Unit 1: Numbers & Operations Level 1 | Module 4: Addition Unit 1: Numbers & Operations Level 1 | Module 5: Subtraction Unit 1: Numbers & Operations Level 1 | Module 6: Addition & Subtraction Unit 2: Number & Operations Level 2 | Module 4: Subtraction Unit 2: Number & Operations Level 2 | Module 5: Addition & Subtraction Unit 2: Number & Operations Level 2 | Module 6: Composing & Decomposing Unit 3: Number & Operations Level 3 | Module 1: Composing & Decomposing 10 Unit 3: Number & Operations Level 3 | Module 2: Numbers 10-15 Unit 3: Number & Operations Level 3 | Module 3: Numbers 16-20 Unit 3: Number & Operations Level 3 | Module 4: Place Value
MO.K.RA.	**Relationships and Algebraic Thinking**	**Relationships and Algebraic Thinking**
K.RA.A.	Understand addition as putting together or adding to, and understand subtraction as taking apart or taking from.	Unit 1: Numbers & Operations Level 1 | Module 4: Addition Unit 1: Numbers & Operations Level 1 | Module 5: Subtraction Unit 1: Numbers & Operations Level 1 | Module 6: Addition & Subtraction

		Unit 2: Number & Operations Level 2 | Module 3: Addition Unit 2: Number & Operations Level 2 | Module 4: Subtraction Unit 2: Number & Operations Level 2 | Module 5: Addition & Subtraction Unit 2: Number & Operations Level 2 | Module 6: Composing & Decomposing Unit 3: Number & Operations Level 3 | Module 1: Composing & Decomposing 10 Unit 3: Number & Operations Level 3 | Module 2: Numbers 10-15 Unit 3: Number & Operations Level 3 | Module 3: Numbers 16-20 Unit 3: Number & Operations Level 3 | Module 4: Place Value Unit 3: Number & Operations Level 3 | Module 5: Word Problems
MO.K.GM.	**Geometry and Measurement**	**Geometry and Measurement**
K.GM.A.	Reason with shapes and their attributes.	Unit 4: Measurement, Geometry, & Data | Module 1: Describing Length Unit 4: Measurement, Geometry, & Data | Module 2: Sorting & Classifying Unit 4: Measurement, Geometry, & Data | Module 3: Data
K.GM.C.	Analyze squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders and spheres.	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
MO.K.DS.	**Data and Statistics**	**Data and Statistics**
K.DS.A.	Classify objects and count the number of objects in each category.	

		Unit 1: Numbers & Operations Level 1	Module 3: Comparing
		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 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: 2016		
STANDARD	**STANDARD NAME**	**TOUCHMATH UNITS AND MODULES**
1.NS.A.	Understand and use numbers up to 120.	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 5: Subtraction within 9 Unit 2: Numbers & Operations Level 2	Module 1: Place Value Unit 2: Numbers & Operations Level 2	Module 4: Backward Counting Unit 2: Numbers & Operations Level 2	Module 5: Subtraction within 20 Unit 3: Numbers & Operations Level 3	Module 1: Place Value
MO.1.NBT.	**Number Sense and Operations in Base Ten**	**Number Sense and Operations in Base Ten**
1.NBT.A.	Understand place value of two-digit numbers.	Unit 1: Numbers & Operations Level 1	Module 2: TouchPoints Unit 2: Numbers & Operations Level 2	Module 1: Place Value Unit 2: Numbers & Operations Level 2	Module 3: Addition within 20 Unit 2: Numbers & Operations Level 2	Module 4: Backward Counting

		Unit 2: Numbers & Operations Level 2 | Module 5: Subtraction within 20 Unit 2: Numbers & Operations Level 2 | Module 6: Within 20 Unit 3: Numbers & Operations Level 3 | Module 1: Place Value Unit 3: Numbers & Operations Level 3 | Module 2: Addition within 100 Unit 3: Numbers & Operations Level 3 | Module 3: Mixed Addition Unit 3: Numbers & Operations Level 3 | Module 4: Addition Strategies Unit 3: Numbers & Operations Level 3 | Module 5: Subtraction within 100 Unit 3: Numbers & Operations Level 3 | Module 6: Subtraction Strategies Unit 3: Numbers & Operations Level 3 | Module 7: Within 100
1.NBT.B.	Use place value understanding to add and subtract.	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 3: Numbers & Operations Level 3 | Module 2: Addition within 100 Unit 3: Numbers & Operations Level 3 | Module 3: Mixed Addition Unit 3: Numbers & Operations Level 3 | Module 4: Addition Strategies Unit 3: Numbers & Operations Level 3 | Module 6: Subtraction Strategies Unit 3: Numbers & Operations Level 3 | Module 7: Within 100
MO.1.RA.	**Relationships and Algebraic Thinking**	**Relationships and Algebraic Thinking**
1.RA.A.	Represent and solve problems involving addition and subtraction.	Unit 1: Numbers & Operations Level 1 | Module 2: TouchPoints 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 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
1.RA.B.	Understand and apply properties of operations and the relationship between addition and subtraction.	Unit 1: Numbers & Operations Level 1 | Module 3: Within 5 Unit 1: Numbers & Operations Level 1 | Module 4: Addition within 9 Unit 1: Numbers & Operations Level 1 | Module 5: Subtraction within 9 Unit 1: Numbers & Operations Level 1 | Module 6: Within 9 Unit 2: Numbers & Operations Level 2 | Module 2: Addition within 13 Unit 2: Numbers & Operations Level 2 | Module 3: Addition within 20 Unit 2: Numbers & Operations Level 2 | Module 5: Subtraction within 20 Unit 2: Numbers & Operations Level 2 | Module 6: Within 20 Unit 3: Numbers & Operations Level 3 | Module 2: Addition within 100 Unit 3: Numbers & Operations Level 3 | Module 4: Addition Strategies Unit 3: Numbers & Operations Level 3 | Module 6: Subtraction Strategies Unit 3: Numbers & Operations Level 3 | Module 7: Within 100
1.RA.C.	Add and subtract within 20.	Unit 1: Numbers & Operations Level 1 | Module 3: Within 5

		Unit 1: Numbers & Operations Level 1 | Module 4: Addition within 9 Unit 1: Numbers & Operations Level 1 | Module 5: Subtraction within 9 Unit 1: Numbers & Operations Level 1 | Module 6: Within 9 Unit 2: Numbers & Operations Level 2 | Module 2: Addition within 13 Unit 2: Numbers & Operations Level 2 | Module 3: Addition within 20 Unit 2: Numbers & Operations Level 2 | Module 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 5: Subtraction within 100 Unit 3: Numbers & Operations Level 3 | Module 6: Subtraction Strategies Unit 3: Numbers & Operations Level 3 | Module 7: Within 100
MO.1.GM.	**Geometry and Measurement**	**Geometry and Measurement**
1.GM.A.	Reason with shapes and their attributes.	Unit 4: Measurement, Geometry & Data | Module 4: 2-D Shapes Unit 4: Measurement, Geometry & Data | Module 5: 3-D Shapes Unit 4: Measurement, Geometry & Data | Module 6: Fractional Parts of Shapes
1.GM.B.	Measure lengths in non-standard units.	Unit 4: Measurement, Geometry & Data | Module 2: Length
1.GM.C.	Work with time and money.	Unit 4: Measurement, Geometry & Data | Module 1: Time & Money
MO.1.DS.	**Data and Statistics**	**Data and Statistics**
1.DS.A.	Represent and interpret data.	

		Unit 4: Measurement, Geometry & Data	Module 3: Data

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<tr><td colspan="3" align="center">Grade: 2 - Adopted: 2016</td></tr>
<tr><td>STANDARD</td><td>STANDARD NAME</td><td>TOUCHMATH UNITS AND MODULES</td></tr>
<tr>
<td>2.NBT.A.</td>
<td>Understand place value of three digit numbers.</td>
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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 2: Addition & Subtraction Level 2 | Module 3: Reading & Writing
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 4: Measurement, Geometry & Data | Module 2: Money
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<tr>
<td>2.NBT.B.</td>
<td>Use place value understanding and properties of operations to add and subtract.</td>
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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
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		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
2.NBT.C.	Represent and solve problems involving addition and 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 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
MO.2.RA.	**Relationships and Algebraic Thinking**	**Relationships and Algebraic Thinking**
2.RA.A.	Add and subtract within 20.	Unit 1: Addition & Subtraction Level 1 | Module 2: Addition Unit 1: Addition & Subtraction Level 1 | Module 4: Subtraction Unit 1:Addition& Subtraction Level 1 | Module 1: Within 13 Unit 1:Addition& Subtraction Level 1 | Module 2: Within 20 Unit 1:Addition& Subtraction Level 1 | Module 3: Within 50 Unit 1:Addition& Subtraction Level 1 | Module 4: Addition with Regrouping Unit 1:Addition& Subtraction Level 1 | Module 5: Subtraction with Regrouping

		Unit 1:Addition& Subtraction Level 1 | Module 6: Mixed Regrouping Unit 2: Addition & Subtraction Level 2 | Module 4: Addition within 100 Unit 2: Addition & Subtraction Level 2 | Module 5: Subtraction within 100 Unit 2: Addition & Subtraction Level 2 | Module 6: Within 100 Unit 3: Operations with Multi-Digit Numbers | Module 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
2.RA.B.	Develop foundations for multiplication and division.	Unit 1: Addition & Subtraction Level 1 | Module 4: Subtraction Unit 1:Addition& Subtraction Level 1 | Module 1: Within 13 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 Unit 3: Operations with Multi-Digit Numbers | Module 6: Multiplication 2 Unit 4: Measurement, Geometry & Data | Module 6: Geometry
MO.2.GM.	**Geometry and Measurement**	**Geometry and Measurement**
2.GM.A.	Reason with shapes and their attributes.	Unit 3: Operations with Multi-Digit Numbers | Module 6: Multiplication 2 Unit 4: Measurement, Geometry & Data | Module 6: Geometry
2.GM.B.	Measure and estimate lengths in standard units.	Unit 4: Measurement, Geometry & Data | Module 3: Data Unit 4: Measurement, Geometry & Data | Module 4: Measurement Unit 4: Measurement, Geometry & Data | Module 5: Operations with Length

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
2.GM.C.	Relate addition and subtraction to length.	Unit 2: Addition & Subtraction Level 2 | Module 1: Place Value Unit 4: Measurement, Geometry & Data | Module 5: Operations with Length
2.GM.D.	Work with time and money.	Unit 4: Measurement, Geometry & Data | Module 1: Time Unit 4: Measurement, Geometry & Data | Module 2: Money
MO.2.DS.	**Data and Statistics**	**Data and Statistics**
2.DS.A.	Represent and interpret data.	Unit 4: Measurement, Geometry & Data | Module 3: Data

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<tr><td>STANDARD</td><td>STANDARD NAME</td><td>TOUCHMATH UNITS AND MODULES</td></tr>
<tr><td>3.NBT.A.</td><td>Use place value understanding and properties of operations to perform multi-digit arithmetic.</td><td>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
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</td></tr>
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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
MO.3.NF.	**Number Sense and Operations in Fractions**	**Number Sense and Operations in Fractions**
3.NF.A.	Develop understanding of fractions as numbers.	Unit 7: Fractions, Decimals & Percents Level 1 | Module 1: Understanding Fractions Unit 7: Fractions, Decimals & Percents Level 1 | Module 2: Application of Concepts Unit 9: Measurement, Geometry & Data | Module 1: 2-D Shapes
MO.3.RA.	**Relationships and Algebraic Thinking**	**Relationships and Algebraic Thinking**
3.RA.A.	Represent and solve problems involving multiplication and division.	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

3.RA.B.	Understand properties of multiplication and the relationship between multiplication and division.	
		Unit 1: Addition & Subtraction Level 1 | Module 5: Fact Families 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 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
3.RA.C.	Multiply and divide within 100.	
		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
3.RA.E.	Identify and explain arithmetic 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
MO.3.GM.	**Geometry and Measurement**	**Geometry and Measurement**
3.GM.A.	Reason with shapes and their attributes.	Unit 7: Fractions, Decimals & Percents Level 1 | Module 1: Understanding Fractions

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

Unit 9: Measurement, Geometry & Data \| Module 1: 2-D Shapes |
| 3.GM.B. | Solve problems involving the measurement of time, liquid volumes and weights of objects. | Unit 6: Mixed Operations with Whole Numbers \| Module 3: Two–Four Digits by Two Digits |
| **MO.3.DS.** | **Data and Statistics** | **Data and Statistics** |
| 3.DS.A. | Represent and analyze data. | Unit 3: Skip Counting \| Module 1: Skip Counting by 2
Unit 3: Skip Counting \| Module 2: Skip Counting by 3 |

Unit 3: Skip Counting | Module 3: Skip Counting by 4
Unit 3: Skip Counting | Module 4: Skip Counting by 5
Unit 3: Skip Counting | Module 5: Skip Counting by 6
Unit 3: Skip Counting | Module 6: Skip Counting by 7
Unit 3: Skip Counting | Module 7: Skip Counting by 8
Unit 3: Skip Counting | Module 8: Skip Counting by 9

Grade: **4** - Adopted: **2016**

STANDARD	STANDARD NAME	TOUCHMATH UNITS AND MODULES
4.NBT.A.	Use place value understanding and properties of operations to perform multi-digit arithmetic with numbers up to one million.	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 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 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
MO.4.NF.	**Number Sense and Operations in Fractions**	**Number Sense and Operations in Fractions**	
4.NF.A.	Extend understanding of fraction equivalence and ordering. (Limit denominators to 2, 3, 4, 5, 6, 8, 10, 12 and 100.)	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 7: Application Unit 8: Fractions, Decimals & Percents Level 2	Module 8: Mixed Review	
4.NF.B.	Extend understanding of operations on whole numbers to fraction 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
4.NF.C.	Understand decimal notation for fractions, and compare decimal fractions. (Denominators of 10 or 100)	 Unit 10: Algebra | Module 1: Operations & Equations Unit 8: Fractions, Decimals & Percents Level 2 | Module 7: Application Unit 8: Fractions, Decimals & Percents Level 2 | Module 8: Mixed Review
MO.4.RA.	**Relationships and Algebraic Thinking**	**Relationships and Algebraic Thinking**
4.RA.A.	Use the four operations with whole numbers to solve problems.	 Unit 1: Addition & Subtraction Level 1 | Module 5: Fact Families Unit 1: Addition & Subtraction Level 1 | Module 6: Place Value Unit 1: Addition & Subtraction Level 1 | Module 7: Strategies Unit 1: Addition & Subtraction Level 1 | Module 8: Mixed Addition & Subtraction Unit 2: Addition & Subtraction Level 2 | Module 2: Within 20 Unit 2: Addition & Subtraction Level 2 | Module 4: Within 100 Unit 2: Addition & Subtraction Level 2 | Module 5: Strategies Unit 2: Addition & Subtraction Level 2 | Module 6: Three-Digit Numbers Unit 4: Multiplication & Division Level 1 | Module 2: Multiplication Unit 4: Multiplication & Division Level 1 | Module 3: Division Unit 4: Multiplication & Division Level 1 | Module 4: Strategies Unit 4: Multiplication & Division Level 1 | Module 6: Mixed Multiplication & Division Unit 5: Multiplication & Division Level 2 | Module 1: Multiplication by One Digit

		Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit Unit 5: Multiplication & Division Level 2 | Module 3: Multiplication Using the Algorithm Unit 5: Multiplication & Division Level 2 | Module 4: Division Using the Algorithm Unit 5: Multiplication & Division Level 2 | Module 5: Multiplication by Two Digits Unit 5: Multiplication & Division Level 2 | Module 6: Division by Two Digits Unit 5: Multiplication & Division Level 2 | Module 7: Mixed Practice Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations Unit 6: Mixed Operations with Whole Numbers | Module 2: Two–Four Digits by One Digit Unit 6: Mixed Operations with Whole Numbers | Module 3: Two–Four Digits by Two Digits Unit 6: Mixed Operations with Whole Numbers | Module 4: Three–Four Digits by Three Digits Unit 6: Mixed Operations with Whole Numbers | Module 5: Four Digits Unit 6: Mixed Operations with Whole Numbers | Module 6: Mixed Practice with Operations
4.RA.B.	Work with factors and multiples.	Unit 3: Skip Counting | Module 8: Skip Counting by 9 Unit 4: Multiplication & Division Level 1 | Module 5: Multiples & Factors
4.RA.C.	Generate and analyze patterns.	Unit 3: Skip Counting | Module 1: Skip Counting by 2 Unit 3: Skip Counting | Module 2: Skip Counting by 3 Unit 3: Skip Counting | Module 3: Skip Counting by 4 Unit 3: Skip Counting | Module 4: Skip Counting by 5 Unit 3: Skip Counting | Module 5: Skip Counting by 6 Unit 3: Skip Counting | Module 6: Skip Counting by 7 Unit 3: Skip Counting | Module 7: Skip Counting by 8

		Unit 3: Skip Counting | Module 8: Skip Counting by 9 Unit 4: Multiplication & Division Level 1 | Module 1: Skip Counting Review Unit 4: Multiplication & Division Level 1 | Module 5: Multiples & Factors
MO.4.GM.	**Geometry and Measurement**	**Geometry and Measurement**
4.GM.A.	Classify 2-dimensional shapes by properties of their lines and angles.	Unit 7: Fractions, Decimals & Percents Level 1 | Module 1: Understanding Fractions Unit 9: Measurement, Geometry & Data | Module 1: 2-D Shapes Unit 9: Measurement, Geometry & Data | Module 2: Lines & Angles
4.GM.B.	Understand the concepts of angle and measure angles.	Unit 9: Measurement, Geometry & Data | Module 1: 2-D Shapes Unit 9: Measurement, Geometry & Data | Module 2: Lines & Angles
4.GM.C.	Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.	Unit 8: Fractions, Decimals & Percents Level 2 | Module 7: Application
MO.4.DS.	**Data and Statistics**	**Data and Statistics**
4.DS.A.	Represent and analyze data.	Unit 3: Skip Counting | Module 1: Skip Counting by 2 Unit 3: Skip Counting | Module 2: Skip Counting by 3

Unit 3: Skip Counting | Module 3: Skip Counting by 4
Unit 3: Skip Counting | Module 4: Skip Counting by 5
Unit 3: Skip Counting | Module 5: Skip Counting by 6
Unit 3: Skip Counting | Module 6: Skip Counting by 7
Unit 3: Skip Counting | Module 7: Skip Counting by 8
Unit 3: Skip Counting | Module 8: Skip Counting by 9
Unit 8: Fractions, Decimals & Percents Level 2 | Module 7: Application
Unit 8: Fractions, Decimals & Percents Level 2 | Module 8: Mixed Review

Grade: **5** - Adopted: **2016**		
STANDARD	**STANDARD NAME**	**TOUCHMATH UNITS AND MODULES**
5.NBT.A.	Use place value system understanding to perform operations with multi-digit whole numbers to billions and decimals to thousandths.	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 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 6: Decimals

		Unit 7: Fractions, Decimals & Percents Level 1 | Module 8: Relationships of Fractions, Decimals & Percents
		Unit 8: Fractions, Decimals & Percents Level 2 | Module 3: Addition & Subtraction of Decimals
		Unit 8: Fractions, Decimals & Percents Level 2 | Module 4: Multiplication & Division of Decimals
		Unit 8: Fractions, Decimals & Percents Level 2 | Module 5: Percents
		Unit 8: Fractions, Decimals & Percents Level 2 | Module 6: Mixed Practice
		Unit 8: Fractions, Decimals & Percents Level 2 | Module 7: Application
		Unit 8: Fractions, Decimals & Percents Level 2 | Module 8: Mixed Review
		Unit 10: Algebra | Module 1: Operations & Equations
MO.5.NF.	**Number Sense and Operations in Fractions**	**Number Sense and Operations in Fractions**
5.NF.A.	Understand the relationship between fractions and decimals (denominators that are factors of 100).	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 8: Relationships of Fractions, Decimals & Percents
Unit 8: Fractions, Decimals & Percents Level 2 \| Module 3: Addition & Subtraction of Decimals
Unit 8: Fractions, Decimals & Percents Level 2 \| Module 4: Multiplication & Division of Decimals
Unit 8: Fractions, Decimals & Percents Level 2 \| Module 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 1: 2-D Shapes
5.NF.B.	Perform operations and solve problems with fractions and decimals.	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 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
MO.5.RA.	**Relationships and Algebraic Thinking**	**Relationships and Algebraic Thinking**
5.RA.A.	Represent and analyze patterns and relationships.	Unit 10: Algebra | Module 6: Patterns & Structure
5.RA.B.	Write and interpret numerical expressions.	Unit 10: Algebra | Module 1: Operations & Equations Unit 10: Algebra | Module 4: Expressions
5.RA.C.	Use the four operations to represent and solve problems.	Unit 10: Algebra | Module 5: Variables

MO.5.GM.	**Geometry and Measurement**	**Geometry and Measurement**
5.GM.A.	Classify two- and three-dimensional geometric shapes.	Unit 9: Measurement, Geometry & Data | Module 1: 2-D Shapes Unit 9: Measurement, Geometry & Data | Module 3: Classification of 2-D Figures
5.GM.B.	Understand and compute volume.	Unit 9: Measurement, Geometry & Data | Module 4: Perimeter, Area & Volume
		Unit 10: Algebra | Module 4: Expressions Unit 10: Algebra | Module 7: Geometry
5.GM.C.	Graph points on the Cartesian coordinate plane within the first quadrant to solve problems.	Unit 9: Measurement, Geometry & Data | Module 7: Data Representation
		Unit 10: Algebra | Module 2: Ratios & Proportions Unit 10: Algebra | Module 4: Expressions Unit 10: Algebra | Module 7: Geometry
5.GM.D.	Solve problems involving measurement and conversions within a measurement system.	Unit 9: Measurement, Geometry & Data | Module 6: Units of Measure
MO.5.DS.	**Data and Statistics**	**Data and Statistics**

5.DS.A.	Represent and analyze data.	
		Unit 9: Measurement, Geometry & Data | Module 7: Data Representation Unit 9: Measurement, Geometry & Data | Module 8: Data Analysis