



Pennsylvania Core and Academic Standards

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

Mathematics

Grade: **Pre K** - Adopted: **2014**

STANDARD	NAME	TOUCHMATH UNITS AND MODULES
CC.MP.1.	Make sense of problems and persevere in solving them.	Math Readiness Skills Module 5: The Final Adventure (Graphs)
CC.MP.2.	Reason abstractly and quantitatively.	Math Readiness Skills Module 5: The Final Adventure (Graphs)
CC.MP.4.	Model with mathematics.	Math Readiness Skills Module 1: Adventures in Space (Counting) Math Readiness Skills Module 2: Adventures at the Zoo (TouchPoints) Math Readiness Skills Module 3: Adventures in the Kitchen (Classifying)

		Math Readiness Skills Module 5: The Final Adventure (Graphs)
CC.MP.7.	Look for and make use of structure.	Math Readiness Skills Module 2: Adventures at the Zoo (TouchPoints) Math Readiness Skills Module 4: Adventures in the Arts (2-D Shapes) Math Readiness Skills Module 5: The Final Adventure (Graphs)
PA.CC.2.1.PreK.	Numbers and Operations	Numbers and Operations
CC.2.1.PreK.A.	Counting & Cardinality	Math Readiness Skills Module 1: Adventures in Space (Counting) Math Readiness Skills Module 2: Adventures at the Zoo (TouchPoints) Math Readiness Skills Module 3: Adventures in the Kitchen (Classifying) Math Readiness Skills Module 5: The Final Adventure (Graphs)
PA.CC.2.3.PreK.	Geometry	Geometry
CC.2.3.PreK.A.	Geometry	Math Readiness Skills Module 4: Adventures in the Arts (2-D Shapes) Math Readiness Skills Module 5: The Final Adventure (Graphs)
PA.CC.2.4.PreK.	Measurement, Data, and Probability	Measurement, Data, and Probability

CC.2.4.PreK.A.	Measurement and Data	Math Readiness Skills Module 3: Adventures in the Kitchen (Classifying) Math Readiness Skills Module 5: The Final Adventure (Graphs)
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Grade: **K** - Adopted: **2014**

STANDARD	NAME	TOUCHMATH UNITS AND MODULES
CC.MP.1.	Make sense of problems and persevere in solving them.	Unit 1: Numbers & Operations Level 1 Module 4: Addition Unit 1: Numbers & Operations Level 1 Module 5: Subtraction Unit 1: Numbers & Operations Level 1 Module 6: Addition & Subtraction Unit 2: Number & Operations Level 2 Module 3: Addition Unit 2: Number & Operations Level 2 Module 4: Subtraction Unit 2: Number & Operations Level 2 Module 5: Addition & Subtraction Unit 2: Number & Operations Level 2 Module 6: Composing & Decomposing Unit 3: Number & Operations Level 3 Module 1: Composing & Decomposing 10 Unit 3: Number & Operations Level 3 Module 2: Numbers 10-15 Unit 3: Number & Operations Level 3 Module 3: Numbers 16-20

		Unit 3: Number & Operations Level 3 Module 5: Word Problems
CC.MP.4.	Model with mathematics.	Unit 1: Numbers & Operations Level 1 Module 1: Representing 0-3 Unit 1: Numbers & Operations Level 1 Module 2: Representing 4-5 Unit 1: Numbers & Operations Level 1 Module 3: Comparing Unit 1: Numbers & Operations Level 1 Module 4: Addition Unit 1: Numbers & Operations Level 1 Module 5: Subtraction Unit 1: Numbers & Operations Level 1 Module 6: Addition & Subtraction Unit 2: Number & Operations Level 2 Module 1: Representing 6-7 Unit 2: Number & Operations Level 2 Module 2: Representing 8-9 Unit 2: Number & Operations Level 2 Module 3: Addition Unit 2: Number & Operations Level 2 Module 4: Subtraction Unit 2: Number & Operations Level 2 Module 5: Addition & Subtraction Unit 2: Number & Operations Level 2 Module 6: Composing & Decomposing Unit 3: Number & Operations Level 3 Module 1: Composing & Decomposing 10 Unit 3: Number & Operations Level 3 Module 2: Numbers 10-15 Unit 3: Number & Operations Level 3 Module 3: Numbers 16-20

		Unit 3: Number & Operations Level 3 Module 4: Place Value Unit 3: Number & Operations Level 3 Module 5: Word Problems Unit 3: Number & Operations Level 3 Module 6: Counting Unit 4: Measurement, Geometry, & Data Module 1: Describing Length Unit 4: Measurement, Geometry, & Data Module 2: Sorting & Classifying Unit 4: Measurement, Geometry, & Data Module 3: Data Unit 4: Measurement, Geometry, & Data Module 4: 2-D Shapes Unit 4: Measurement, Geometry, & Data Module 5: 3-D Shapes
CC.MP.5.	Use appropriate tools strategically.	Unit 4: Measurement, Geometry, & Data Module 4: 2-D Shapes
CC.MP.7.	Look for and make use of structure.	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
PA.CC.2.1.K.	Numbers and Operations	Numbers and Operations
CC.2.1.K.A.	Counting & 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 Unit 4: Measurement, Geometry, & Data Module 2: Sorting & Classifying Unit 4: Measurement, Geometry, & Data Module 3: Data
CC.2.1.K.B.	Numbers & Operations in Base Ten	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
PA.CC.2.2.K.	Algebraic Concepts	Algebraic Concepts
CC.2.2.K.A.	Operations and Algebraic Thinking	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
PA.CC.2.3.K.	Geometry	Geometry
CC.2.3.K.A.	Geometry	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
PA.CC.2.4.K.	Measurement, Data, and Probability	Measurement, Data, and Probability
CC.2.4.K.A.	Measurement and Data	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
Grade: 1 - Adopted: 2014		
STANDARD	NAME	TOUCHMATH UNITS AND MODULES
CC.MP.1.	Make sense of problems and persevere in solving them.	

		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
CC.MP.2.	Reason abstractly and quantitatively.	

		Unit 2: Numbers & Operations Level 2 Module 4: Backward Counting Unit 2: Numbers & Operations Level 2 Module 5: Subtraction within 20
CC.MP.4.	Model with mathematics.	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
CC.MP.5.	Use appropriate tools strategically.	Unit 4: Measurement, Geometry & Data Module 2: Length
CC.MP.7.	Look for and make use of structure.	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
PA.CC.2.1.1.	Numbers and Operations	Numbers and Operations
CC.2.1.1.B.	Numbers & Operations in Base Ten	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 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
PA.CC.2.2.1.	Algebraic Concepts	Algebraic Concepts
CC.2.2.1.A.	Operations and Algebraic Thinking	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
PA.CC.2.3.1.	Geometry	Geometry
CC.2.3.1.A.	Geometry	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
PA.CC.2.4.1.	Measurement, Data, and Probability	Measurement, Data, and Probability
CC.2.4.1.A.	Measurement and Data	Unit 4: Measurement, Geometry & Data Module 1: Time & Money Unit 4: Measurement, Geometry & Data Module 2: Length
Grade: 2 - Adopted: 2014		
STANDARD	NAME	TOUCHMATH UNITS AND MODULES

CC.MP.1.	Make sense of problems and persevere in solving them.	Unit 1: Addition & Subtraction Level 1 Module 2: Addition Unit 1: Addition & Subtraction Level 1 Module 4: Subtraction Unit 1: Addition & Subtraction Level 1 Module 1: Within 13 Unit 1: Addition & Subtraction Level 1 Module 2: Within 20 Unit 1: Addition & Subtraction Level 1 Module 3: Within 50 Unit 1: Addition & Subtraction Level 1 Module 4: Addition with Regrouping Unit 1: Addition & Subtraction Level 1 Module 5: Subtraction with Regrouping Unit 1: Addition & Subtraction Level 1 Module 6: Mixed Regrouping Unit 2: Addition & Subtraction Level 2 Module 4: Addition within 100 Unit 2: Addition & Subtraction Level 2 Module 5: Subtraction within 100 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
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		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
CC.MP.2.	Reason abstractly and quantitatively.	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 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 6: Geometry
CC.MP.4.	Model with mathematics.	

		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 Unit 4: Measurement, Geometry & Data Module 6: Geometry
CC.MP.5.	Use appropriate tools strategically.	

		Unit 4: Measurement, Geometry & Data Module 3: Data Unit 4: Measurement, Geometry & Data Module 4: Measurement Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
CC.MP.6.	Attend to precision.	Unit 4: Measurement, Geometry & Data Module 4: Measurement Unit 4: Measurement, Geometry & Data Module 5: Operations with Length
CC.MP.7.	Look for and make use of structure.	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 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 Unit 4: Measurement, Geometry & Data Module 6: Geometry
CC.MP.8.	Look for and express regularity in repeated reasoning.	Unit 3: Operations with Multi-Digit Numbers Module 1: Multiples of 10 & 100 Unit 3: Operations with Multi-Digit Numbers Module 2: Addition within 1,000

		Unit 3: Operations with Multi-Digit Numbers Module 3: Subtraction within 1,000 Unit 3: Operations with Multi-Digit Numbers Module 5: Multiplication 1 Unit 3: Operations with Multi-Digit Numbers Module 6: Multiplication 2
PA.CC.2.1.2.	Numbers and Operations	Numbers and Operations
CC.2.1.2.B.	Numbers & Operations in Base Ten	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 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 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 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
PA.CC.2.2.2.	Algebraic Concepts	Algebraic Concepts
CC.2.2.2.A.	Operations and Algebraic Thinking	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 Unit 3: Operations with Multi-Digit Numbers Module 5: Multiplication 1 Unit 3: Operations with Multi-Digit Numbers Module 6: Multiplication 2
PA.CC.2.3.2.	Geometry	Geometry
CC.2.3.2.A.	Geometry	Unit 4: Measurement, Geometry & Data Module 6: Geometry
PA.CC.2.4.2.	Measurement, Data, and Probability	Measurement, Data, and Probability
CC.2.4.2.A.	Measurement and Data	

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

Grade: 3 - Adopted: 2014

PA.CC.MP.

Standards for Mathematical Practice

Standards for Mathematical Practice

CC.MP.1.

Make sense of problems and persevere in solving them.

Unit 1: Addition & Subtraction Level 1 |
Module 2: Addition
Unit 1: Addition & Subtraction Level 1 |
Module 4: Subtraction
Unit 1: Addition & Subtraction Level 1 |
Module 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
CC.MP.2.	Reason abstractly and quantitatively.	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 3: Place Value 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 5: Multiplication & Division Level 2 Module 2: Division by One Digit

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

		Unit 3: Skip Counting Module 5: Skip Counting by 6 Unit 3: Skip Counting Module 6: Skip Counting by 7 Unit 3: Skip Counting Module 7: Skip Counting by 8 Unit 3: Skip Counting Module 8: Skip Counting by 9 Unit 4: Multiplication & Division Level 1 Module 2: Multiplication Unit 5: Multiplication & Division Level 2 Module 1: Multiplication by One Digit Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit Unit 6: Mixed Operations with Whole Numbers Module 1: Relationships of 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
CC.MP.7.	Look for and make use of structure.	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
CC.MP.8.	Look for and express regularity in repeated reasoning.	Unit 3: Skip Counting Module 1: Skip Counting by 2 Unit 3: Skip Counting Module 2: Skip Counting by 3 Unit 3: Skip Counting Module 3: Skip Counting by 4 Unit 3: Skip Counting Module 4: Skip Counting by 5 Unit 3: Skip Counting Module 5: Skip Counting by 6 Unit 3: Skip Counting Module 6: Skip Counting by 7 Unit 3: Skip Counting Module 7: Skip Counting by 8 Unit 3: Skip Counting Module 8: Skip Counting by 9 Unit 6: Mixed Operations with Whole Numbers Module 2: Two–Four Digits by One Digit Unit 6: Mixed Operations with Whole Numbers Module 4: Three–Four Digits by Three Digits
PA.CC.2.1.3.	Numbers and Operations	Numbers and Operations
CC.2.1.3.B.	Numbers & Operations in Base Ten	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
CC.2.1.3.C.	Numbers & Operations – Fractions	Unit 7: Fractions, Decimals & Percents Level 1 Module 1: Understanding Fractions Unit 7: Fractions, Decimals & Percents Level 1 Module 2: Application of Concepts
PA.CC.2.2.3.	Algebraic Concepts	Algebraic Concepts
CC.2.2.3.A.	Operations and Algebraic Thinking	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
PA.CC.2.3.3.	Geometry	Geometry
CC.2.3.3.A.	Geometry	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
PA.CC.2.4.3.	Measurement, Data, and Probability	Measurement, Data, and Probability
CC.2.4.3.A.	Measurement and 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 4: Multiplication & Division Level 1 | Module 2: Multiplication
 Unit 5: Multiplication & Division Level 2 | Module 2: Division by One Digit
 Unit 6: Mixed Operations with Whole Numbers | Module 1: Relationships of Operations
 Unit 6: Mixed Operations with Whole Numbers | Module 2: Two-Four Digits by One Digit

Grade: 4 - Adopted: 2014

STANDARD	NAME	TOUCHMATH UNITS AND MODULES
CC.MP.1.	Make sense of problems and persevere in solving them.	Unit 10: Algebra Module 1: Operations & Equations Unit 1: Addition & Subtraction Level 1 Module 5: Fact Families

Unit 1: Addition & Subtraction Level 1 |
Module 6: Place Value
Unit 1: Addition & Subtraction Level 1 |
Module 7: Strategies
Unit 1: Addition & Subtraction Level 1 |
Module 8: Mixed Addition & Subtraction
Unit 2: Addition & Subtraction Level 2 |
Module 1: Counting to 1,000
Unit 2: Addition & Subtraction Level 2 |
Module 2: Within 20
Unit 2: Addition & Subtraction Level 2 |
Module 4: Within 100
Unit 2: Addition & Subtraction Level 2 |
Module 5: Strategies
Unit 2: Addition & Subtraction Level 2 |
Module 6: Three-Digit Numbers
Unit 3: Skip Counting | Module 1: Skip
Counting by 2
Unit 3: Skip Counting | Module 2: Skip
Counting by 3
Unit 3: Skip Counting | Module 3: Skip
Counting by 4
Unit 3: Skip Counting | Module 4: Skip
Counting by 5
Unit 3: Skip Counting | Module 5: Skip
Counting by 6
Unit 3: Skip Counting | Module 6: Skip
Counting by 7
Unit 3: Skip Counting | Module 7: Skip
Counting by 8
Unit 3: Skip Counting | Module 8: Skip
Counting by 9
Unit 4: Multiplication & Division Level 1 |
Module 1: Skip Counting Review

Unit 4: Multiplication & Division Level 1 |
Module 2: Multiplication
Unit 4: Multiplication & Division Level 1 |
Module 3: Division
Unit 4: Multiplication & Division Level 1 |
Module 4: Strategies
Unit 4: Multiplication & Division Level 1 |
Module 5: Multiples & Factors
Unit 4: Multiplication & Division Level 1 |
Module 6: Mixed Multiplication & Division
Unit 5: Multiplication & Division Level 2 |
Module 1: Multiplication by One 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
CC.MP.2.	Reason abstractly and quantitatively.	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 3: Place Value Unit 3: Skip Counting Module 1: Skip Counting by 2 Unit 3: Skip Counting Module 2: Skip Counting by 3 Unit 3: Skip Counting Module 3: Skip Counting by 4 Unit 3: Skip Counting Module 4: Skip Counting by 5

		Unit 3: Skip Counting Module 5: Skip Counting by 6 Unit 3: Skip Counting Module 6: Skip Counting by 7 Unit 3: Skip Counting Module 7: Skip Counting by 8 Unit 3: Skip Counting Module 8: Skip Counting by 9 Unit 4: Multiplication & Division Level 1 Module 1: Skip Counting Review Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit Unit 6: Mixed Operations with Whole Numbers Module 2: Two–Four Digits by One Digit Unit 6: Mixed Operations with Whole Numbers Module 3: Two–Four Digits by Two Digits Unit 9: Measurement, Geometry & Data Module 2: Lines & Angles
CC.MP.4.	Model with mathematics.	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 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 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
CC.MP.5.	Use appropriate tools strategically.	Unit 5: Multiplication & Division Level 2 Module 6: Division by Two Digits Unit 5: Multiplication & Division Level 2 Module 7: Mixed Practice Unit 6: Mixed Operations with Whole Numbers Module 6: Mixed Practice with Operations Unit 9: Measurement, Geometry & Data Module 2: Lines & Angles
CC.MP.7.	Look for and make use of structure.	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
CC.MP.8.	Look for and express regularity in repeated reasoning.	

Unit 3: Skip Counting | Module 1: Skip Counting by 2
Unit 3: Skip Counting | Module 2: Skip Counting by 3
Unit 3: Skip Counting | Module 3: Skip Counting by 4
Unit 3: Skip Counting | Module 4: Skip Counting by 5
Unit 3: Skip Counting | Module 5: Skip Counting by 6
Unit 3: Skip Counting | Module 6: Skip Counting by 7
Unit 3: Skip Counting | Module 7: Skip Counting by 8
Unit 3: Skip Counting | Module 8: Skip Counting by 9
Unit 5: Multiplication & Division Level 2 |
Module 3: Multiplication Using the Algorithm

Unit 5: Multiplication & Division Level 2 |
Module 4: Division Using the Algorithm
Unit 5: Multiplication & Division Level 2 |
Module 5: Multiplication by Two Digits
Unit 5: Multiplication & Division Level 2 |
Module 6: Division by Two Digits
Unit 5: Multiplication & Division Level 2 |
Module 7: Mixed Practice
Unit 6: Mixed Operations with Whole Numbers | Module 2: Two–Four Digits by One Digit
Unit 6: Mixed Operations with Whole Numbers | Module 4: Three–Four Digits by Three Digits
Unit 6: Mixed Operations with Whole Numbers | Module 5: Four Digits

		Unit 6: Mixed Operations with Whole Numbers Module 6: Mixed Practice with Operations Unit 8: Fractions, Decimals & Percents Level 2 Module 1: Addition & Subtraction of Fractions Unit 8: Fractions, Decimals & Percents Level 2 Module 2: Multiplication & Division of Fractions
PA.CC.2.1.4.	Numbers and Operations	Numbers and Operations
CC.2.1.4.B.	Numbers & Operations in Base Ten	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 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
CC.2.1.4.C.	Numbers & Operations – Fractions	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
PA.CC.2.2.4.	Algebraic Concepts	Algebraic Concepts
CC.2.2.4.A.	Operations and Algebraic Thinking	Unit 4: Multiplication & Division Level 1 Module 2: Multiplication Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors
PA.CC.2.3.4.	Geometry	Geometry
CC.2.3.4.A.	Geometry	Unit 7: Fractions, Decimals & Percents Level 1 Module 1: Understanding Fractions
PA.CC.2.4.4.	Measurement, Data, and Probability	Measurement, Data, and Probability
CC.2.4.4.A.	Measurement and Data	

Unit 8: Fractions, Decimals & Percents Level
2 | Module 7: Application
Unit 9: Measurement, Geometry & Data |
Module 2: Lines & Angles

Grade: 5 - Adopted: 2014

STANDARD	NAME	TOUCHMATH UNITS AND MODULES
CC.MP.1.	Make sense of problems and persevere in solving them.	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 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
CC.MP.2.	Reason abstractly and quantitatively.	Unit 10: Algebra Module 4: Expressions Unit 10: Algebra Module 5: Variables

		Unit 10: Algebra Module 6: Patterns & Structure Unit 4: Multiplication & Division Level 1 Module 1: Skip Counting Review Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors Unit 4: Multiplication & Division Level 1 Module 6: Mixed Multiplication & Division Unit 5: Multiplication & Division Level 2 Module 2: Division by One Digit Unit 6: Mixed Operations with Whole Numbers Module 2: Two–Four Digits by One Digit Unit 6: Mixed Operations with Whole Numbers Module 3: Two–Four Digits by Two Digits Unit 7: Fractions, Decimals & Percents Level 1 Module 3: Inequalities Unit 8: Fractions, Decimals & Percents Level 2 Module 6: Mixed Practice Unit 9: Measurement, Geometry & Data Module 2: Lines & Angles Unit 9: Measurement, Geometry & Data Module 4: Perimeter, Area & Volume
CC.MP.4.	Model with mathematics.	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 6: Mixed Multiplication & Division

Unit 5: Multiplication & Division Level 2 |
Module 1: Multiplication by One Digit

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

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

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

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

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

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

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

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

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

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

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

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
CC.MP.5.	Use appropriate tools strategically.	Unit 5: Multiplication & Division Level 2 Module 6: Division by Two Digits Unit 5: Multiplication & Division Level 2 Module 7: Mixed Practice Unit 6: Mixed Operations with Whole Numbers Module 6: Mixed Practice with Operations

		Unit 9: Measurement, Geometry & Data Module 2: Lines & Angles Unit 9: Measurement, Geometry & Data Module 3: Classification of 2-D Figures
CC.MP.7.	Look for and make use of structure.	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
CC.MP.8.	Look for and express regularity in repeated reasoning.	

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

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

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

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

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

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

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

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

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

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

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

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

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

		Unit 8: Fractions, Decimals & Percents Level 2 Module 4: Multiplication & Division of Decimals Unit 9: Measurement, Geometry & Data Module 6: Units of Measure
PA.CC.2.1.5.	Numbers and Operations	Numbers and Operations
CC.2.1.5.B.	Numbers & Operations in Base Ten	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
CC.2.1.5.C.	Numbers & Operations – Fractions	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
PA.CC.2.2.5.	Algebraic Concepts	Algebraic Concepts
CC.2.2.5.A.	Operations and Algebraic Thinking	Unit 10: Algebra Module 1: Operations & Equations Unit 10: Algebra Module 6: Patterns & Structure Unit 4: Multiplication & Division Level 1 Module 1: Skip Counting Review Unit 4: Multiplication & Division Level 1 Module 5: Multiples & Factors
PA.CC.2.3.5.	Geometry	Geometry
CC.2.3.5.A.	Geometry	

		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 1: 2-D Shapes Unit 9: Measurement, Geometry & Data Module 3: Classification of 2-D Figures Unit 9: Measurement, Geometry & Data Module 7: Data Representation
PA.CC.2.4.5.	Measurement, Data, and Probability	Measurement, Data, and Probability
CC.2.4.5.A.	Measurement and Data	Unit 10: Algebra Module 4: Expressions Unit 10: Algebra Module 7: Geometry Unit 9: Measurement, Geometry & Data Module 4: Perimeter, Area & Volume 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