

PA CORE STANDARDS CURRICULUM MAP
MATHEMATICS PK-12

Week	Grade PREK	Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5		
1	Module 1: Analyze, Sort, Classify, and Count up to 5	Module 1: Classify and Count Numbers to 10	Module 1: Addition and Subtraction of Numbers to 10 and Fluency	Module 1: Fluency of Sums and Differences to 20 and Word Problems to 100	Module 1: Multiplication and Division with Factors of 2, 3, 4, 5, and 10	Module 1: Place Value, Rounding, Fluency with Addition and Subtraction Algorithms of Whole Numbers	Module 1: Whole Number and Decimal Fraction Place Value to the One-Thousandths		
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4		Module 2: Identify and Describe Shapes		Module 2: Addition and Subtraction with Length, Weight, Capacity, and Time Measurements		Module 2: Problem Solving with Mass, Time, Capacity, Length and Money		Module 2: Unit Conversions: Addition and Subtraction of Length, Weight, and Capacity	
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7				Module 3: Place Value, Counting, and Comparison of Numbers to 1000				Module 3: Multiplication and Division with Factors of 6, 7, 8, and 9	Module 3: Multiplication and Division of up to a Four-Digit Number by a One-Digit Number using Place Value
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10	Module 2: Analyze, Compare, Create, and Compose Shapes	Module 3: Comparison with Length, Weight, and Numbers to 10	Module 2: Place Value, Comparison, Addition and Subtraction of Numbers to 20	Module 4: Addition and Subtraction of Numbers to 1000	Module 4: Multiplication and Division of up to a Four-Digit Number by a One-Digit Number using Place Value	Module 3: Addition and Subtraction of Fractions			
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13	Module 3: Count and Answer "How Many" Questions up to 10	Module 4: Number Pairs, Addition and Subtraction of Numbers to 10	Module 3: Ordering and Expressing Length Measurements as Numbers and Telling Time	Module 4: Addition and Subtraction of Numbers to 40	Module 5: Preparation for Multiplication and Division Facts	Module 4: Addition and Subtraction of Planar Figures			
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18		Module 5: Numbers 10–20, Counting to 100 by 1 and 10	Module 4: Place Value, Comparison, Addition and Subtraction of Numbers to 40	Module 5: Preparation for Multiplication and Division Facts	Module 5: Fractions as Numbers on the Number Line	Module 5: Order and Operations with Fractions			
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21		Module 4: Describe and Compare Length, Weight, and Capacity	Module 5: Numbers 10–20, Counting to 100 by 1 and 10	Module 5: Identify, Compose, and Partition Shapes	Module 6: Comparison, Addition and Subtraction with Length and Money	Module 6: Collecting and Displaying Data	Module 6: Decimal Fractions		
22									
23	Module 5: Write Numerals to 5, Addition and Subtraction Stories, Count to 20	Module 6: Analyze, Compare, Create, and Compose Shapes	Module 6: Place Value, Comparison, Addition and Subtraction of Numbers to 100	Module 6: Comparison, Addition and Subtraction with Length and Money	Module 6: Collecting and Displaying Data	Module 7: Exploring Multiplication	Module 5: Addition and Multiplication with Volume and Area		
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27	Module 5: Write Numerals to 5, Addition and Subtraction Stories, Count to 20	Module 6: Analyze, Compare, Create, and Compose Shapes	Module 6: Place Value, Comparison, Addition and Subtraction of Numbers to 100	Module 7: Recognizing Angles, Faces, and Vertices of Shapes, Fractions of Shapes	Module 7: Word Problems with Geometry and Measurement	Module 7: Exploring Multiplication	Module 6: Graph Points on Coordinate Plane to Solve Problems		
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29									
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31	Module 5: Write Numerals to 5, Addition and Subtraction Stories, Count to 20	Module 6: Analyze, Compare, Create, and Compose Shapes	Module 6: Place Value, Comparison, Addition and Subtraction of Numbers to 100	Module 7: Recognizing Angles, Faces, and Vertices of Shapes, Fractions of Shapes	Module 7: Word Problems with Geometry and Measurement	Module 7: Exploring Multiplication	Module 6: Graph Points on Coordinate Plane to Solve Problems		
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Color Coding Key			2.1 Numbers and Operations	2.2 Algebraic Concepts	2.3 Geometry	2.4 Measurement, Data and Probability			

**PA CORE STANDARDS CURRICULUM MAP
 MATHEMATICS PK-12**

Week	Grade 6	Grade 7	Grade 8	ALG 1	GEO	ALG 2
1	Module 1: Ratios and Unit Rates	Module 1: Ratios and Proportional Relationships	Module 1: The Number System and Properties of Exponents	Module 1: Relationships Between Quantities and Reasoning with Equations	Module 1: Congruence, Proof, and Constructions	Module 1: Polynomial, Rational, and Radical Relationships
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8	Module 2: Arithmetic Operations	Module 2: Rational Numbers	Module 2: Congruence	Module 2: Linear and Exponential Relationships	Module 2: Similarity, Proof, and Trigonometry	
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13	Module 3: Rational Numbers	Module 3: Expressions and Equations	Module 3: Similarity	Module 3: Linear and Exponential Relationships	Module 3: Similarity, Proof, and Trigonometry	
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17	Module 4: Expressions and Equations	Module 4: Percent's and Proportional Relationships	Module 4: Linear Equations	Module 3: Descriptive Statistics	Module 3: Extending to Three Dimensions	Module 2: Trigonometric Functions
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27	Module 5: Area, Surface Area and Volume	Module 5: Statistics and Probability	Module 5: Functions from Geometry	Module 4: Equations and Expressions	Module 4: Connecting Algebra and Geometry through Coordinates	Module 3: Modeling with Functions
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29						
30	Module 6: Statistics	Module 6: Geometry	Module 6: Linear Functions	Module 4: Equations and Expressions	Module 5: Circles with and without Coordinates	
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Color Coding	2.1 Numbers and Operations	2.2 Algebraic Concepts	2.3 Geometry	2.4 Measurement, Data and Probability
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