

**Florida Sunshine State Standards  
correlated to  
Merit Software Math Programs**

The Sunshine State Standards were approved by the State Board of Education in 1996 to provide expectations for student achievement in Florida. The Standards approved in 1996 were written in seven subject areas, each divided into four separate grade clusters (PreK-2, 3-5, 6-8, and 9-12). This format was chosen to provide flexibility to school districts in designing curriculum based on local needs.

Merit’s Math programs address the following Florida math standards:

Grades 3-5           pg. 1-3  
Grades 6-8           pg. 3-6  
Grades 9-12         pg. 7-10

Grades 3-5

Subhead	Standard	Benchmark	Merit Software
Number Sense, Concepts, and Operations	Standard 1: The student understands the different ways numbers are represented and used in the real world. (MA.A.1.2)	1. Names whole numbers combining three-digit numeration (hundreds, tens, ones) and the use of number periods, such as ones, thousands, and word names, and standard numerals with whole numbers, commonly used fractions, decimals, and percents.	Word Problem Shape-Up Set 1, 2, 3
Number Sense, Concepts, and Operations	Standard 1: The student understands the different ways numbers are represented and used in the real world. (MA.A.1.2)	2. Understands the relative size of whole numbers, commonly used fractions, decimals, and percents.	Word Problem Shape-Up Set 1, 2, 3; Fraction Shape-Up
Number Sense, Concepts, and Operations	Standard 1: The student understands the different ways numbers are represented and used in the real world. (MA.A.1.2)	3. Understands concrete and symbolic representations of whole numbers, fractions, decimals, and percents in real-world situations.	Word Problem Shape-Up Set 1, 2, 3; Fraction Shape-Up
Number Sense, Concepts, and Operations	Standard 1: The student understands the different ways numbers are represented and used in the real world. (MA.A.1.2)	4. Understands that numbers can be represented in a variety of equivalent forms using whole numbers, decimals, fractions, and percents.	Word Problem Shape-Up Set 1, 2, 3; Fraction Shape-Up

Number Sense, Concepts, and Operations	Standard 2: The student understands number systems. (MA.A.2.2)	1. Uses place-value concepts of grouping based upon powers of ten (thousandths, hundredths, tenths, ones, tens, hundreds, thousands) within the decimal number system. 2. recognizes and compares the decimal number system to the structure of other number systems such as the Roman numeral system or bases other than ten.	Word Problem Shape-Up Set 1, 2, 3
Number Sense, Concepts, and Operations	Standard 3: The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving. (MA.A.3.2)	1. Understands and explains the effects of addition, subtraction, and multiplication on whole numbers, decimals, and fractions, including mixed numbers, and the effects of division on whole numbers, including the inverse relationship of multiplication and division.	Word Problem Shape-Up Set 1, 2, 3; Fraction Shape-Up
Number Sense, Concepts, and Operations	Standard 3: The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving. (MA.A.3.2)	2. Selects the appropriate operation to solve specific problems involving addition, subtraction, and multiplication of whole numbers, decimals, and fractions, and division of whole numbers.	Word Problem Shape-Up Set 1, 2, 3; Fraction Shape-Up
Number Sense, Concepts, and Operations	Standard 3: The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving. (MA.A.3.2)	3. Adds, subtracts, and multiplies whole numbers, decimals, and fractions, including mixed numbers, and divides whole numbers to solve real-world problems, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	Word Problem Shape-Up Set 1, 2, 3; Fraction Shape-Up
Measurement	Standard 1: The student measures quantities in the real world and uses the measures to solve problems. (MA.B.1.2)	1. Uses concrete and graphic models to develop procedures for solving problems related to measurement including length, weight, time, temperature, perimeter, area, volume, and angle.	Word Problem Shape-Up Set 1, 2, 3
Measurement	Standard 1: The student measures quantities in the real world and uses the measures to solve problems. (MA.B.1.2)	2. solves real-world problems involving length, weight, perimeter, area, capacity, volume, time, temperature, and angles.	Word Problem Shape-Up Set 1, 2, 3

Measurement	Standard 3: The student estimates measurements in real-world problem situations. (MA.B.3.2)	1. solves real-world problems involving estimates of measurements, including length, time, weight, temperature, money, perimeter, area, and volume.	Word Problem Shape-Up Set 1, 2, 3
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Grades 6-8

Subhead	Standard	Benchmarks	Merit Software
Number Sense, Concepts, and Operations	Standard 1: The student understands the different ways numbers are represented and used in the real world. (MA.A.1.3)	1. Associates verbal names, written word names, and standard numerals with integers, fractions, decimals; numbers expressed as percents; numbers with exponents, numbers in scientific notation; radicals; absolute value; and ratios.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 1: The student understands the different ways numbers are represented and used in the real world. (MA.A.1.3)	2. Understands the relative size of integers, fractions, and decimals; numbers expressed as percents; numbers with exponents; numbers in scientific notation; radicals; absolute value; and ratios.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 2: The student understands number systems. (MA.A.2.3)	1. Understands and uses exponential and scientific notation.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 2: The student understands number systems. (MA.A.2.3)	2. Understands the structure of number systems other than the decimal number system.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 3: The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving. (MA.A.3.3)	1. Understands and explains the effects of addition, subtraction, multiplication, and division on whole numbers, fractions, including mixed numbers, and decimals, including the inverse relationships of positive and negative numbers.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 3: The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving. (MA.A.3.3)	2. Selects the appropriate operation to solve problems involving addition, subtraction, multiplication, and division of rational numbers, ratios, proportions, and percents, including the appropriate application of the algebraic order of operations.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2

Number Sense, Concepts, and Operations	Standard 3: The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving. (MA.A.3.3)	3. Adds, subtracts, multiplies, and divides whole numbers, decimals, and fractions, including mixed numbers, to solve real-world problems using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 4: The student uses estimation in problem solving and computation. (MA.A.4.3)	1. Uses estimation strategies to predict results and to check the reasonableness of results.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 5: The student understands and applies theories related to numbers. (MA.A.5.3)	1. Uses concepts about numbers, including primes, factors, and multiples, to build number sequences.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Measurement	Standard 1: The student measures quantities in the real world and uses the measures to solve problems. (MA.B.1.3)	1. Uses concrete and graphic models to derive formulas for finding perimeter, area, surface area, circumference, and volume of two- and three-dimensional shapes, including rectangular solids and cylinders.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Measurement	Standard 1: The student measures quantities in the real world and uses the measures to solve problems. (MA.B.1.3)	2. Uses concrete and graphic models to derive formulas for finding rates, distance, time and angle measures.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Measurement	Standard 1: The student measures quantities in the real world and uses the measures to solve problems. (MA.B.1.3)	3. Understands and describes how the change of a figure in such dimensions as length, width, height, or radius affects its other measurements such as perimeter, area, surface area, and volume.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Measurement	Standard 1: The student measures quantities in the real world and uses the measures to solve problems. (MA.B.1.3)	4. Constructs, interprets, and uses scale drawings such as those based on number lines and maps to solve real-world problems.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Measurement	Standard 2: The student compares, contrasts, and converts within systems of measurement (both standard/nonstandard and metric/customary). (MA.B.2.3)	1. Uses direct (measured) and indirect (not measured) measures to compare a given characteristic in either metric or customary units.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1

Measurement	Standard 2: The student compares, contrasts, and converts within systems of measurement (both standard/nonstandard and metric/customary). (MA.B.2.3)	2. Solves problems involving units of measure and converts answers to a larger or smaller unit within either the metric or customary system.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Measurement	Standard 3: The student estimates measurements in real-world problem situations. (MA.B.3.3)	1. Solves real-world and mathematical problems involving estimates of measurements including length, time, weight/mass, temperature, money, perimeter, area, and volume, in either customary or metric units.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Measurement	Standard 4: The student selects and uses appropriate units and instruments for measurement to achieve the degree of precision and accuracy required in real-world situations. (MA.B.4.3)	1. Selects appropriate units of measurement and determines and applies significant digits in a real-world context. (Significant digits should relate to both instrument precision and to the least precise unit of measurement.)	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Measurement	Standard 4: The student selects and uses appropriate units and instruments for measurement to achieve the degree of precision and accuracy required in real-world situations. (MA.B.4.3)	2. Selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Geometry and Spatial Sense	Standard 3: The student uses coordinate geometry to locate objects in both two and three dimensions and to describe objects algebraically. (MA.C.3.3)	1. Represents and applies geometric properties and relationships to solve real-world and mathematical problems. 2. Creates and interprets tables, graphs, equations, and verbal descriptions to explain cause-and-effect relationships.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Algebraic Thinking	Standard 1: The student describes, analyzes, and generalizes a wide variety of patterns, relations, and functions. (MA.D.1.3)	1. Describes a wide variety of patterns, relationship, and functions through models, such as manipulatives, tables, graphs, expressions, equations, and inequalities.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Algebraic Thinking	Standard 1: The student describes, analyzes, and generalizes a wide variety of patterns, relations, and functions. (MA.D.1.3)	2. Creates and interprets tables, graphs, equations, and verbal descriptions to explain cause-and-effect relationships.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2

Algebraic Thinking	Standard 2: The student uses expressions, equations, inequalities, graphs, and formulas to represent and interpret situations. (MA.D.2.3)	1. Represents and solves real-world problems graphically, with algebraic expressions, equations, and inequalities. 2. Uses algebraic problem-solving strategies to solve real-world problems involving linear equations and inequalities.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Data Analysis and Probability	Standard 1: The student understands and uses the tools of data analysis for managing information. (MA.E.1.3)	1. Collects, organizes, and displays data in a variety of forms, including tables, line graphs, charts, bar graphs, to determine how different ways of presenting data can lead to different interpretations.	Word Problem Shape-Up Set 1; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Data Analysis and Probability	Standard 1: The student understands and uses the tools of data analysis for managing information. (MA.E.1.3)	2. Understands and applies the concepts of range and central tendency (mean, median, and mode).	Word Problem Shape-Up Set 1; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Data Analysis and Probability	Standard 1: The student understands and uses the tools of data analysis for managing information. (MA.E.1.3)	3. Analyzes real-world data by applying appropriate formulas for measures of central tendency and organizing data in a quality display, using appropriate technology, including calculators and computers.	Word Problem Shape-Up Set 1; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Data Analysis and Probability	Standard 2: The student identifies patterns and makes predictions from an orderly display of data using concepts of probability and statistics. (MA.E.2.3)	1. Compares experimental results with mathematical expectations of probabilities.	Basic Algebra Shape-Up Set 1
Data Analysis and Probability	Standard 3: The student uses statistical methods to make inferences and valid arguments about real-world situations. (MA.E.3.3)	1. Formulates hypotheses, designs experiments, collects and interprets data, and evaluates hypotheses by making inferences and drawing conclusions based on statistics (range, mean, median, and mode) and tables, graphs, and charts.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1

Grades 9-12

Subhead	Standard	Benchmark	Merit Software
Number Sense, Concepts, and Operations	Standard 1: The student understands the different ways numbers are represented and used in the real world. (MA.A.1.4)	1. Associates verbal names, written word names, and standard numerals with integers, rational numbers, irrational numbers, real numbers, and complex numbers.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 1: The student understands the different ways numbers are represented and used in the real world. (MA.A.1.4)	3. Understands concrete and symbolic representations of real and complex numbers in real-world situations.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 1: The student understands the different ways numbers are represented and used in the real world. (MA.A.1.4)	4 understands that numbers can be represented in a variety of equivalent forms, including integers, fractions, decimals, percents, scientific notation, exponents, radicals, absolute value, and logarithms.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 2: The student understands number systems. (MA.A.2.4)	1. Understands and uses the basic concepts of limits and infinity. 2. Understands and uses the real number system.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 3: The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving. (MA.A.3.4)	1. Understands and explains the effects of addition, subtraction, multiplication, and division on real numbers including square roots, exponents, and appropriate inverse relations.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 3: The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving. (MA.A.3.4)	2. Selects and justifies alternative strategies, such as using properties of numbers, including inverse, identity, distributive, associative, transitive, that allow operational shortcuts for computational procedures in real-world or mathematical problems.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 3: The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving. (MA.A.3.4)	3. adds, subtracts, multiplies, and divides real numbers, including square roots and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2

Number Sense, Concepts, and Operations	Standard 4: The student uses estimation in problem solving and computation. (MA.A.4.4)	1. Uses estimation strategies in complex situations to predict results and to check the reasonableness of results.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Number Sense, Concepts, and Operations	Standard 5: The student understands and applies theories related to numbers. (MA.A.5.4)	1. applies special number relationships such as sequences and series to real-world problems.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Measurement	Standard 1: The student measures quantities in the real world and uses the measures to solve problems. (MA.B.1.4)	1.uses concrete and graphic models to derive formulas for finding perimeter, area, surface area, circumference, and volume of two- and three-dimensional shapes, including rectangular solids, cylinders, cones, and pyramids.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Measurement	Standard 1: The student measures quantities in the real world and uses the measures to solve problems. (MA.B.1.4)	2. Uses concrete and graphic models to derive formulas for finding rate, distance, time, angle, measures, and arc lengths.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Measurement	Standard 1: The student measures quantities in the real world and uses the measures to solve problems. (MA.B.1.4)	3. relates the concepts of measurement to similarity and proportionality in real-world situations.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Measurement	Standard 2: The student compares, contrasts, and converts within systems of measurement (both standard/nonstandard and metric/customary). (MA.B.2.4)	1. selects and uses direct (measured) or indirect (not measured) methods of measurement as appropriate. 2. Solves real-world problems involving rated measures (miles per hour, feet per second).	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Measurement	Standard 3: The student estimates measurements in real-world problem situations. (MA.B.3.4)	1. Solves real-world and mathematical problems involving estimates of measurements, including length, time, weight/mass, temperature, money, perimeter, area, and volume, and estimates the effects of measurement errors on calculations.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Measurement	Standard 4: The student selects and uses appropriate units and instruments for measurement to achieve the degree of precision and accuracy required in real-world situations. (MA.B.4.4)	1. Determines the level of accuracy and precision, including absolute and relative errors or tolerance, required in real-world measurement situations.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1

Measurement	Standard 4: The student selects and uses appropriate units and instruments for measurement to achieve the degree of precision and accuracy required in real-world situations. (MA.B.4.4)	2. Selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Geometry and Spatial Sense	Standard 3: The student uses coordinate geometry to locate objects in both two and three dimensions and to describe objects algebraically. (MA.C.3.4)	1. Represents and applies geometric properties and relationships to solve real-world and mathematical problems including ration, proportion, and properties of right triangle trigonometry.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Geometry and Spatial Sense	Standard 3: The student uses coordinate geometry to locate objects in both two and three dimensions and to describe objects algebraically. (MA.C.3.4)	2. Using a rectangular coordinate system (graph), applies and algebraically verifies properties of two- and three-dimensional figures, including distance, midpoint, slope, parallelism, and perpendicularly.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Algebraic Thinking	Standard 1: The student describes, analyzes, and generalizes a wide variety of patterns, relations, and functions. (MA.D.1.4)	1. Describes, analyzes, and generalizes relationships, patterns, and functions using words, symbols, variables, tables, and graphs.	Word Problem Shape-Up Set 1;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Algebraic Thinking	Standard 2: The student uses expressions, equations, inequalities, graphs, and formulas to represent and interpret situations. (MA.D.2.4s)	1. Represents real-world problem situations using finite graphs, matrices, sequences, series, and recursive relations.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Algebraic Thinking	Standard 2: The student uses expressions, equations, inequalities, graphs, and formulas to represent and interpret situations. (MA.D.2.4s)	2. Uses systems of equations and inequalities to solve real-world problems graphically, algebraically, and with matrices.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Data Analysis and Probability	Standard 1: The student understands and uses the tools of data analysis for managing information. (MA.E.1.4)	1. interprets data that has been collected, organized, and displayed in charts, tables, and plots.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Data Analysis and Probability	Standard 1: The student understands and uses the tools of data analysis for managing information. (MA.E.1.4)	2. Calculates measures of central tendency (mean, median, and mode) and dispersion (range, standard deviation, and variance) for complex sets of data and determines the most meaningful measure to describe the data.	Word Problem Shape-Up Set 1, 2, 3;Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2

Data Analysis and Probability	Standard 1: The student understands and uses the tools of data analysis for managing information. (MA.E.1.4)	3. analyzes real-world data and makes predictions of larger populations by applying formulas to calculate measures of central tendency and dispersion using the sample population data, and using appropriate technology, including calculators and computers.	Word Problem Shape-Up Set 1, 2, 3; Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1 & 2
Data Analysis and Probability	Standard 2: The student identifies patterns and makes predictions from an orderly display of data using concepts of probability and statistics. (MA.E.2.4)	1. Determines probabilities using counting procedures, tables, tree diagrams, and formulas for permutations and combinations.	Basic Algebra Shape-Up Set 1
Data Analysis and Probability	Standard 2: The student identifies patterns and makes predictions from an orderly display of data using concepts of probability and statistics. (MA.E.2.4)	2. Determines the probability for simple and compound events as well as independent and dependent events.	Basic Algebra Shape-Up Set 1
Data Analysis and Probability	Standard 3: The student uses statistical methods to make inferences and valid arguments about real-world situations. (MA.E.3.4)	1. Designs and performs real-world statistical experiments that involve more than one variable, then analyzes results and reports findings.	Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1
Data Analysis and Probability	Standard 3: The student uses statistical methods to make inferences and valid arguments about real-world situations. (MA.E.3.4)	2. Explains the limitations of using statistical techniques and data in making inferences and valid arguments.	Pre-Algebra Shape-Up; Basic Algebra Shape-Up Set 1