



Florida Language Arts Sunshine State Standards

Matched to

CornerStone Math Level A and SkillsTutor Math A

GRADES 3-5

Benchmark MA.A.1.2.1 names whole numbers combining 3-digit numeration (hundreds, tens, ones) and the use of number periods, such as ones, thousands, and millions, and associates verbal names, written word names, and standard numerals with whole numbers, commonly used fractions, decimals, and percents.

Strand A. Number Sense, Concepts, and Operations : 1. The student understands the different ways numbers are represented and used in the real world.

Place Value: Lesson #1 - Understanding Numbers

Numbers and Word Names: Lesson #2 – Understanding Numbers

Comparing and Ordering Numbers: Lesson #3 - Understanding Numbers

Fractions: Lesson #1 - Using Decimals and Fractions

Decimals and Percents – Lesson #2 - Using Decimals and Fractions

Benchmark MA.A.1.2.2 understands the relative size of whole numbers, commonly used fractions, decimals, and percents.

Strand A. Number Sense, Concepts, and Operations : 1. The student understands the different ways numbers are represented and used in the real world.

Comparing and Ordering Numbers: Lesson #3 - Understanding Numbers

Decimals and Percents: Lesson #2 - Using Decimals and Fractions

Benchmark MA.A.1.2.3 understands concrete and symbolic representations of whole numbers, fractions, decimals, and percents in real-world situations.

Strand A. Number Sense, Concepts, and Operations : 1. The student understands the different ways numbers are represented and used in the real world.

Place Value: Lesson #1 - Understanding Numbers

Fractions: Lesson# 1 - Using Decimals and Fractions

Decimals and Percents: Lesson #2 - Using Decimals and Fractions

Equivalent Forms: Lesson #7 - Using Decimals and Fractions

Benchmark MA.A.1.2.4 understands that numbers can be represented in a variety of equivalent forms using whole numbers, decimals, fractions, and percents.

Strand A. Number Sense, Concepts, and Operations : 1. The student understands the different ways numbers are represented and used in the real world.

Understanding Numbers: Lesson 1 - Place Value

Using Decimals and Fractions: Lesson 1 – Fractions

Using Decimals and Fractions: Lesson 2 - Decimals and Percents

Using Decimals and Fractions: Lesson 7 - Equivalent Forms

Benchmark MA.A.2.2.1 uses place-value concepts of grouping based upon powers of ten (thousandths, hundredths, tenths, tens, hundreds, thousands) within the decimal number system.

Strand A. Number Sense, Concepts, and Operations : 2. The student understands number systems.

Understanding Numbers: Lesson 1 - Place Value

Understanding Numbers: Lesson 2 - Numbers and Word Names

Using Addition and Subtraction: Lesson 5 - Addition

Using Addition and Subtraction: Lesson 6 – Subtraction

Benchmark 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.

Standard A. Number Sense, Concepts, and Operations : 3. The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving.

Using Multiplication and Division: Lesson 1- Basic Multiplication Facts

Benchmark 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.

Strand A. Number Sense, Concepts, and Operations : 3. The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving.

Using Addition and Subtraction: Lesson 1 - Basic Addition Facts

Using Addition and Subtraction: Lesson 2 - Basic Subtraction Facts

Using Addition and Subtraction: Lesson 5 - Addition

Using Addition and Subtraction: Lesson 6 - Subtraction

Using Multiplication and Division: Lesson 1 - Basic Multiplication Facts

Using Multiplication and Division: Lesson 2 - Basic Division Facts

Using Decimals and Fractions: Lesson 3 - Addition of Decimals

Using Decimals and Fractions: Lesson 4 - Subtraction of Decimals

Using Decimals and Fractions: Lesson 5 - Multiplication of Decimals

Benchmark 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.

Strand A. Number Sense, Concepts, and Operations : 3. The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving.

Using Addition and Subtraction: Lesson 1 - Basic Addition Facts

Using Addition and Subtraction: Lesson 2 - Basic Subtraction Facts

Using Addition and Subtraction: Lesson 3 - Open Sentences

Using Addition and Subtraction: Lesson 5 - Addition

Using Addition and Subtraction: Lesson 6 - Subtraction

Using Multiplication and Division: Lesson 1 - Basic Multiplication Facts

Using Multiplication and Division: Lesson 2 - Basic Division Facts

Using Multiplication and Division: Lesson 3 - Open Sentences

Using Multiplication and Division: Lesson 5 - One-Digit Multipliers

Using Multiplication and Division: Lesson 6 - One-Digit Divisors

Using Multiplication and Division: Lesson 7 - Two-Digit Multipliers

Using Decimals and Fractions: Lesson 3 - Addition of Decimals

Using Decimals and Fractions: Lesson 4 - Subtraction of Decimals

Using Decimals and Fractions: Lesson 5 - Multiplication of Decimals

Using Decimals and Fractions: Lesson 8 - Addition of Fractions

Using Decimals and Fractions: Lesson 9 - Subtraction of Fractions

Using Decimals and Fractions: Lesson 10 - Multiplication of Fractions

Benchmark MA.A.4.2.1 uses and justifies different estimation strategies in a real-world problem situation and determines the reasonableness of results of calculations in a given problem situation.

Strand A. Number Sense, Concepts, and Operations : 4. The student uses estimation in problem solving and computation.

Using Addition and Subtraction: Lesson 2 - Basic Subtraction Facts

Using Addition and Subtraction: Lesson 4 - Estimation by Rounding

Using Addition and Subtraction: Lesson 6 - Subtraction

Using Multiplication and Division: Lesson 4 - Estimation by Rounding

Benchmark MA.A.5.2.1 understands and applies basic number theory concepts, including primes, composites, factors, and multiples.

Strand A. Number Sense, Concepts, and Operations : 5. The student understands and applies theories related to numbers.

Using Multiplication and Division: Lesson 1 -Basic Multiplication Facts

Using Multiplication and Division: Lesson 5 - One-Digit Multipliers

Using Multiplication and Division: Lesson 7 - Two-Digit Multipliers

Benchmark 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.

Strand B. Measurement : 1. The student measures quantities in the real world an uses the measures to solve problems.

Understanding Numbers: Lesson 4 - Temperature

Benchmark MA.B.1.2.2 solves real-world problems involving length, weight, perimeter, area, capacity, volume, time, temperature, and angles.

Standard B. Measurement : 1. The student measures quantities in the real world an uses the measures to solve problems.

Understanding Numbers: Lesson 4 - Temperature

Benchmark MA.B.2.2.1 uses direct (measured) and indirect (not measured) measures to calculate and compare measurable characteristics.

Standard B. Measurement : 2. The student compares, contrasts, and converts within systems of measurement (both standard/nonstandard and metric/customary.

Understanding Numbers: Lesson 4 - Temperature

Standard B = 3. The student estimates measurements in real-world problem situations.

Understanding Numbers: Lesson 4 - Temperature

Benchmark MA.B.3.2.1 solves real-world problems involving estimates of measurements, including length, time, weight, temperature, money, perimeter, area, and volume.

Standard B. Measurement : 3. The student estimates measurements in real-world problem situations.

Understanding Numbers: Lesson 4 - Temperature

Benchmark MA.B.4.2.2 selects and uses appropriate instruments and technology, including scales, rulers, thermometers, measuring cups, protractors, and gauges to measure in real-world situations.

Standard B. Measurement : 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.

Understanding Numbers: Lesson 4 - Temperature

Benchmark MA.C.1.2.1 given a verbal description, draws and/or models two- and three-dimensional shapes and uses appropriate geometric vocabulary to write a description of a figure or a picture composed of geometric figures.

Standard C. Geometry and Spatial Sense : 1. The student describes, draws, identifies, and analyzes two- and three- dimensional shapes.

Using Addition and Subtraction: Lesson 7 - Patterns

Benchmark MA.C.3.2.2 identifies and plots positive ordered pairs (whole numbers) in a rectangular coordinate system (graph).

Standard C. Geometry and Spatial Sense: 3. The student uses coordinate geometry to locate objects in both two and three dimensions and to describe objects algebraically.

Working with Data: Lesson 3 - Graphing Ordered Pairs

Standard D. Algebraic Thinking: 1. The student describes, analyzes, and generalizes a wide variety of patterns, relations, and functions.

Using Addition and Subtraction: Lesson 7 - Patterns

Benchmark MA.D.1.2.1 describes a wide variety of patterns and relationships through models, such as manipulatives, tables, graphs, and rules using algebraic symbols.

Standard D. Algebraic Thinking : 1. The student describes, analyzes, and generalizes a wide variety of patterns, relations, and functions.

Using Addition and Subtraction: Lesson 7 - Patterns

Benchmark MA.E.1.2.1 solves problems by generating, collecting, organizing, displaying, and analyzing data using histograms, bar graphs, circle graphs, line graphs, pictographs, and charts.

Standard E. Data Analysis and Probability : 1. The student understands and uses the tools of data analysis for managing information.

Working with Data: Lesson 1 - Pictographs

Working with Data: Lesson 2 - Bar Graphs

Working with Data: Lesson 4 - Line Graphs

Working with Data: Lesson 5 - Circle Graphs

Benchmark MA.E.3.2.1 designs experiments to answer class or personal questions, collects information, and interprets the results using statistics (range, mean, median, and mode) and pictographs, charts, bar graphs, circle graphs, and line graphs.

Strand E. Data Analysis and Probability : 3. The student uses statistical methods to make inferences and valid arguments about real-world situations.

Working with Data: Lesson 1 - Pictographs

Working with Data: Lesson 2 - Bar Graphs

Working with Data: Lesson 4 - Line Graphs

Working with Data: Lesson 5 - Circle Graphs