



Understanding the Syllabus



Default Objectives - The standards-based ST Math objectives assigned and sequenced by default for the grade level. Default objectives must be completed (exception is Challenge) for students to attain 100% Syllabus Progress.



Optional Objectives - The ST Math objectives that include opportunities for extension, intervention and additional practice. The teacher may assign these optional objectives, however, they do not count toward the student's Syllabus Progress or Standards Mastery.

Kindergarten

- ▲ Exploring Shapes
- ▲ Numbers and Objects to 5
- ▲ Subitizing
- ▲ Numbers and Objects to 10
- ▲ Greater Than, Less Than, Equal To
- ▲ Understanding Addition and Subtraction within 5
- ▲ Exploring Patterns
- ▲ Analyzing Shapes
- ▲ Numbers and Objects to 20
- ▲ Comparing Numbers
- ▲ Understanding Addition and Subtraction within 10
- ▲ Making 10 and Number Pairs
- ▲ Sorting and Classifying
- ▲ Measurable Attributes
- ▲ Composing Shapes
- ▲ Position
- ▲ Reasoning with Attributes
- ▲ Fraction Concepts
- ▲ Advanced Patterns
- ▲ Money
- ▲ Concepts of Time
- ▲ Challenge
- ◻ Position LI

Grade 1

- ▲ Introduction to the Number Line
- ▲ Counting to 100
- ▲ Subitizing
- ▲ Addition and Subtraction within 10
- ▲ Addition, Subtraction and Equations
- ▲ Patterns
- ▲ Foundations of Place Value
- ▲ Counting by Tens
- ▲ Counting with Groups
- ▲ Place Value Concepts
- ▲ Roll, Stack, Wedge
- ▲ Measurement Concepts
- ▲ Fraction Concepts
- ▲ Addition and Subtraction Situations with Unknowns
- ▲ Number Pairs and Making 10
- ▲ Using Place Value to Add and Subtract
- ▲ Comparing Two-Digit Numbers
- ▲ Skip Counting
- ▲ Shape Differences
- ▲ Composite Shapes
- ▲ Sorting and Classifying
- ▲ Organizing Data
- ▲ Telling Time
- ▲ Money
- ▲ Addition and Subtraction Facts
- ▲ Challenge
- ◻ Fraction Concepts LI
- ◻ Two-Digit Number Words
- ◻ Position
- ◻ Position LI

Grade 2

- ▲ Introduction to the Number Line
- ▲ Counting with Groups
- ▲ Addition and Subtraction Situations
- ▲ Identifying Shapes
- ▲ Recognizing Shape Attributes
- ▲ Addition and Subtraction Situations within 100
- ▲ Two-Step Situations
- ▲ Measurement
- ▲ Operations on the Number Line
- ▲ Place Value Concepts
- ▲ Comparing Three-Digit Numbers
- ▲ Place Value Bundles -Ten and Hundred
- ▲ Regrouping Concepts in Addition
- ▲ Regrouping Concepts in Subtraction
- ▲ Patterns and Functions
- ▲ Fraction Concepts
- ▲ Fractions on the Number Line
- ▲ Comparing Fractions
- ▲ Money
- ▲ Time
- ▲ Composite Shapes
- ▲ Creating Graphs
- ▲ Outcomes
- ▲ Addition and Subtraction Facts
- ▲ Challenge
- ◻ Equal Groups
- ◻ Partitioning
- ◻ Three-Digit Number Words
- ◻ Counting to 1,000
- ◻ Money, Extended

Grade 3

- ▲ Place Value Concepts
- ▲ Place Value Bundles - Ten, Hundred, Thousand
- ▲ Ordering and Comparing Whole Numbers
- ▲ Number Patterns
- ▲ Addition and Subtraction
- ▲ Multiplication Concepts
- ▲ Division Concepts
- ▲ Concepts of Area and Perimeter
- ▲ Volume and Weight
- ▲ Shapes
- ▲ Lines of Symmetry
- ▲ Multiplication and Division Relationships
- ▲ Fraction Concepts
- ▲ Fractions on the Number Line
- ▲ Comparing Fractions
- ▲ Adding and Subtracting Fractions
- ▲ Adding and Subtracting Fractions LI
- ▲ Money
- ▲ Time to the Minute
- ▲ Addition and Subtraction with Regrouping
- ▲ Rounding Three-Digit Numbers
- ▲ Multiplication
- ▲ Division
- ▲ Unknowns in Two-Step Problems
- ▲ Outcomes
- ▲ Scale and Measurement in Graphing
- ▲ Temperature and Capacity
- ▲ Understanding Place Value
- ▲ Challenge
- △ Operations on the Number Line
- △ Shape Attributes

Grade 4

- ▲ Place Value
- ▲ Using Place Value
- ▲ Comparing Whole Numbers
- ▲ Rounding Whole Numbers
- ▲ Addition and Subtraction with Regrouping
- ▲ Multiplication and Division Relationships
- ▲ Multiplication and Division Situations
- ▲ Lines of Symmetry
- ▲ Exploring Lines and Shapes
- ▲ Mixed Numbers
- ▲ Fractions - Equivalence and Ordering
- ▲ Fractions on the Number Line
- ▲ Factors and Multiples
- ▲ Patterns in Number and Shape
- ▲ Measurement and Conversions
- ▲ Fraction and Decimal Equivalence
- ▲ Comparing Decimals
- ▲ Adding and Subtracting Fractions
- ▲ Adding and Subtracting Fractions LI
- ▲ Addition and Subtraction with Decimals
- ▲ Multi-Digit Multiplication
- ▲ Multi-Digit Division
- ▲ Volume and Weight
- ▲ Temperature and Capacity
- ▲ Intervals of Time
- ▲ Angles and Triangles
- ▲ Parallel Lines and Parallelograms
- ▲ Using Data and Graphs
- ▲ Outcomes
- ▲ Multiple Operations
- ▲ Addition and Subtraction within 1,000,000
- ▲ Challenge
- △ Multiplication Concepts
- △ Division Concepts
- △ Advanced Shapes
- △ Number Patterns

Grade 5

- ▲ Whole Numbers
- ▲ Decimal Place Value
- ▲ Comparing with Decimals
- ▲ Rounding Decimals
- ▲ Prime Factors
- ▲ Fraction and Decimal Concepts
- ▲ The Coordinate Plane
- ▲ Shapes and Properties
- ▲ Using Parentheses
- ▲ Patterns and Relationships
- ▲ Multi-Digit Multiplication
- ▲ Multi-Digit Division
- ▲ Addition and Subtraction with Decimals
- ▲ Multiplying with Decimals
- ▲ Dividing with Decimals
- ▲ Adding and Subtracting Fractions
- ▲ Adding and Subtracting Fractions LI
- ▲ Intervals of Time
- ▲ Area and Perimeter
- ▲ Volume
- ▲ Angles
- ▲ Variables and Equations
- ▲ Linear Functions
- ▲ Range and Mean, Median, Mode
- ▲ Using Data and Graphs
- ▲ Converting Measurements
- ▲ Whole Number Operations
- ▲ Challenge
- △ The Coordinate Plane, Extended
- △ Addition and Subtraction with Regrouping
- △ Parallel Lines and Parallelograms
- △ Parallel Lines and Parallelograms

Grade 6

- ▲ Negative Numbers
- ▲ Coordinates and Distances
- ▲ Proportional Reasoning
- ▲ Percents
- ▲ Unit Rates, Tables and Graphs
- ▲ Applying Rates and Ratios
- ▲ Factors and Multiples
- ▲ Properties of Operations
- ▲ Using Parentheses
- ▲ Solving One-Step Equations
- ▲ Linear Relationships
- ▲ Exponents
- ▲ Division Algorithm
- ▲ Fraction Division
- ▲ Decimal Addition and Subtraction
- ▲ Decimal Multiplication
- ▲ Decimal Division
- ▲ Mean, Median, Mode, and Range
- ▲ Challenge
- △ Visual Fraction Concepts
- △ Fractions on the Number Line
- △ Comparing and Equivalent Fractions
- △ Fraction Addition and Subtraction
- △ Fraction Multiplication
- △ Fraction Decimal Equivalence
- △ Decimal Place Value