



### 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                                | ▲ Understanding Addition and Subtraction within 10 | ▲ Reasoning with Attributes               |
| ▲ Numbers and Objects to 5                        | ▲ Making 10 and Number Pairs                       | ▲ Addition and Subtraction Facts within 5 |
| ▲ Subitizing                                      | ▲ Comparing Numbers                                | ▲ Challenge                               |
| ▲ Numbers and Objects to 10                       | ▲ Numbers and Counting to 100                      | △ Position LI                             |
| ▲ Analyzing Shapes                                | ▲ Sorting and Classifying                          | △ Exploring Patterns                      |
| ▲ Greater Than, Less Than, Equal To               | ▲ Foundations of Place Value                       | △ Advanced Patterns                       |
| ▲ Understanding Addition and Subtraction within 5 | ▲ Measurable Attributes                            | △ Concepts of Time                        |
| ▲ Numbers and Objects to 20                       | ▲ Composing Shapes                                 |   |
| ▲ Introduction to the Number Line                 | ▲ Position   |   |

### Grade 1

- |                                       |   |                                      |
|---------------------------------------|---|--------------------------------------|
| ▲ Introduction to the Number Line     | ▲ Counting with Groups                              | ▲ Organizing Data                    |
| ▲ Subitizing                          | ▲ Counting to 120                                   | ▲ Telling Time                       |
| ▲ Addition and Subtraction within 10  | ▲ Place Value Concepts                              | ▲ Addition and Subtraction within 20 |
| ▲ Measurement Concepts                | ▲ Addition and Subtraction Situations with Unknowns | ▲ Challenge                          |
| ▲ Counting to 100                     | ▲ Equal Shares and Partitioning                     | △ Position LI                        |
| ▲ Addition, Subtraction and Equations | ▲ Shape Differences                                 | △ Equal Shares and Partitioning LI   |
| ▲ Roll, Stack, Wedge                  | ▲ Composite Shapes                                  | △ Two-Digit Number Words             |
| ▲ Foundations of Place Value          | ▲ Adding and Subtracting by Tens                    | △ Comparing Numbers                  |
| ▲ Number Pairs and Making 10          | ▲ Using Place Value to Add                          |                                      |
| ▲ Counting by Tens                    | ▲ Comparing Two-Digit Numbers                       |                                      |

### Grade 2

- |  |  |  |
|--|--|--|
| ▲ The Number Line                                | ▲ Adding and Subtracting Tens and Hundreds | ▲ Money                                    |
| ▲ Skip Counting                                  | ▲ Using Place Value to Add and Subtract    | ▲ Time                                     |
| ▲ Counting with Groups                           | ▲ Counting to 1,000                        | ▲ Three-Digit Number Words                 |
| ▲ Addition and Subtraction Situations            | ▲ Equal Groups                             | ▲ Addition and Subtraction within 100      |
| ▲ Measurement                                    | ▲ Rows and Columns                         | ▲ Challenge                                |
| ▲ Operations on the Number Line                  | ▲ Partitioning                             | △ Addition and Subtraction Facts within 20 |
| ▲ Recognizing Shape Attributes                   | ▲ Place Value Bundles - Ten and Hundred    | △ Money, Extended                          |
| ▲ Addition and Subtraction Situations within 100 | ▲ Composing Ten and Hundreds               | △ Partitioning LI                          |
| ▲ Two-Step Situations                            | ▲ Decomposing Tens and Hundreds            | △ Temperature and Capacity                 |
| ▲ Place Value Concepts                           | ▲ Identifying Shapes                       | △ Foundations of Place Value               |
| ▲ Comparing Three-Digit Numbers                  | ▲ Creating Graphs                          | △ Comparing Two-Digit Numbers              |

## Grade 3

- ▲ Multiplication Concepts
- ▲ Division Concepts
- ▲ Multiplication and Division Situations
- ▲ Multiplication and Division Relationships
- ▲ Concepts of Area and Perimeter
- ▲ Place Value Concepts
- ▲ Rounding Three-Digit Numbers
- ▲ Fraction Concepts
- ▲ Fractions on the Number Line
- ▲ Comparing Fractions
- ▲ Number Patterns
- ▲ Multiplication
- ▲ Division
- ▲ Place Value Bundles - Ten and Hundred
- ▲ Addition and Subtraction with Regrouping
- ▲ Volume and Weight
- ▲ Scale and Measurement in Graphing
- ▲ Shapes
- ▲ Unknowns in Two-Step Problems
- ▲ Time to the Minute
- ▲ Intervals of Time
- ▲ Addition and Subtraction within 1,000
- ▲ Challenge
- △ Shape Attributes
- △ Operations on the Number Line
- △ Patterns and Functions
- △ Temperature and Capacity
- △ The Number Line
- △ Skip Counting
- △ Four-Digit Place Value
- △ Place Value Bundles - Ten, Hundred, Thousand

## Grade 4

- ▲ Patterns in Number and Shape
- ▲ Factors and Multiples
- ▲ Place Value
- ▲ Using Place Value
- ▲ Rounding Whole Numbers
- ▲ Comparing Whole Numbers
- ▲ Mixed Numbers
- ▲ Fractions - Equivalence and Ordering
- ▲ Angles and Triangles
- ▲ Applying Area and Perimeter
- ▲ Adding and Subtracting Fractions
- ▲ Adding and Subtracting Fractions LI
- ▲ Fraction Multiples
- ▲ Lines of Symmetry
- ▲ Exploring Lines and Shapes
- ▲ Parallel Lines and Parallelograms
- ▲ Advanced Shapes
- ▲ Multiple Operations
- ▲ Fraction and Decimal Equivalence
- ▲ Comparing Decimals
- ▲ Multi-Digit Multiplication
- ▲ Multi-Digit Division
- ▲ Measurement and Conversions
- ▲ Addition and Subtraction within 1,000,000
- ▲ Challenge
- △ Using Data and Graphs
- △ Multiplication Concepts
- △ Division Concepts
- △ Algebraic Expressions and Equations
- △ Temperature and Capacity
- △ Addition and Subtraction with Regrouping

## Grade 5

- ▲ Area
- ▲ Volume
- ▲ Whole Numbers
- ▲ The Number Line
- ▲ The Coordinate Plane
- ▲ Shapes and Properties
- ▲ Using Parentheses
- ▲ Patterns and Relationships
- ▲ Multi-Digit Multiplication
- ▲ Multi-Digit Division
- ▲ Fraction and Decimal Concepts
- ▲ Fractions on the Number Line
- ▲ Decimal Place Value
- ▲ Comparing with Decimals
- ▲ Rounding Decimals
- ▲ Fraction Multiplication
- ▲ Fraction Division
- ▲ Angles
- ▲ Addition and Subtraction with Decimals
- ▲ Multiplying with Decimals
- ▲ Dividing with Decimals
- ▲ Converting Measurements
- ▲ Challenge
- △ The Coordinate Plane, Extended
- △ Using Data and Graphs
- △ Adding and Subtracting Fractions
- △ Adding and Subtracting Fractions LI
- △ Addition and Subtraction with Regrouping
- △ Parallel Lines and Parallelograms
- △ Temperature and Capacity

## 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