



### Understanding the Syllabus



**Journey** - The standards-based ST Math objectives assigned and sequenced by default for the grade level.



**Bonus Journey** - The ST Math objectives that students play automatically after completing their journey. It includes opportunities for extension and additional practice.



**Optional** - These objectives are not part of the Journey. Teachers must assign them for students to play.

### Kindergarten

▲ Exploring Shapes

▲ Numbers and Objects to 5

▲ Subitizing

▲ Numbers and Objects to 10

▲ Analyzing Shapes

▲ Greater Than, Less Than, Equal To

▲ Understanding Addition and Subtraction within 5

▲ Numbers and Objects to 20

▲ Introduction to the Number Line

▲ Understanding Addition and Subtraction within 10

▲ Making 10 and Number Pairs

▲ Comparing Numbers

▲ Numbers and Counting to 100

▲ Sorting and Classifying

▲ Foundations of Place Value

▲ Measurable Attributes

▲ Composing Shapes

▲ Position

▲ Reasoning with Attributes

▲ Addition and Subtraction Facts within 5

△ Challenge

△ Exploring Patterns

△ Advanced Patterns

△ Position LI

🎮 Technology Interaction

### Grade 1

▲ Introduction to the Number Line

▲ Subitizing

▲ Addition and Subtraction Within 10

▲ Measurement Concepts

▲ Counting to 100

▲ Addition, Subtraction and Equations

▲ Foundations of Place Value

▲ Number Pairs and Making 10

▲ Counting by Tens

▲ Counting with Groups

▲ Counting to 120

▲ Place Value Concepts

▲ Addition and Subtraction Situations with Unknowns

▲ Equal Shares and Partitioning

▲ Shape Differences

▲ Composite Shapes

▲ Adding and Subtracting by Tens

▲ Using Place Value to Add

▲ Comparing Two-Digit Numbers

▲ Organizing Data

▲ Telling Time

▲ Addition and Subtraction Within 20

△ Challenge

△ Equal Shares and Partitioning LI

△ Two-Digit Number Words

🎮 Addition Subtraction Facts

### Grade 2

▲ The Number Line

▲ Skip Counting

▲ Counting with Groups

▲ Addition and Subtraction Situations

▲ Measurement

▲ Operations on the Number Line

▲ Recognizing Shape Attributes

▲ Addition and Subtraction Situations within 100

▲ Two Step Situations

▲ Place Value Concepts

▲ Comparing Three-Digit Numbers

▲ Adding and Subtracting Tens and Hundreds

▲ Using Place Value to Add and Subtract

▲ Counting to 1,000

▲ Equal Groups

▲ Rows and Columns

▲ Partitioning

▲ Place Value Bundles - Ten and Hundred

▲ Composing Tens and Hundreds

▲ Decomposing Tens and Hundreds

▲ Identifying Shapes

▲ Creating Graphs

▲ Line Plots

▲ Money

▲ Time

▲ Three-Digit Number Words

▲ Addition and Subtraction within 100

△ Challenge

△ Money, Extended

△ Partitioning LI

🎮 Addition Subtraction Facts

🎮 Multiplication Division Facts

## Grade 3

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

## 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
- ▲ Line Plots and Range
- ▲ Measurement and Conversions
- ▲ Addition and Subtraction within 1,000,000
- △ Challenge
- ▲ Multiplication Division Facts
- ▲ Addition Subtraction Facts

## Grade 5

- ▲ 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
- ▲ Unlike Denominator Concepts and Strategies
- ▲ Unlike Denominator Addition and Subtraction
- ▲ Volume
- ▲ Decimal Place Value
- ▲ Comparing with Decimals
- ▲ Rounding Decimals
- ▲ Fraction Multiplication
- ▲ Fraction Division
- ▲ Angles
- ▲ The Coordinate Plane, Extended
- ▲ Addition and Subtraction with Decimals
- ▲ Multiplying with Decimals
- ▲ Dividing with Decimals
- ▲ Line Plot Intro: Decimals and Mode
- ▲ Line Plots: Median and Mean
- ▲ Converting Measurements
- △ Challenge
- ▲ Multiplication Division Facts
- ▲ Addition Subtraction Facts

## Grade 6

- ▲ Negative Numbers
- ▲ Coordinates and Distances
- ▲ Proportional Reasoning
- ▲ Percents
- ▲ Unit Rates, Tables, and Graphs
- ▲ Fraction Division
- ▲ Division Algorithm
- ▲ Properties of Operations
- ▲ Using Parentheses
- ▲ Solving One-Step Equations
- ▲ Linear Relationships
- ▲ Exponents
- ▲ Decimal Addition and Subtraction
- ▲ Decimal Multiplication
- ▲ Decimal Division
- ▲ Relationship Graphs
- ▲ Area of Polygons
- ▲ Line Plot Intro and Histograms
- ▲ Line Plots and Summary Statistics
- ▲ Applying Rates and Ratios
- △ Challenge
- △ Summer Bridge Grade 6
- ▲ Multiplication Division Facts
- ▲ Addition Subtraction Facts

