



### Understanding the Syllabus



**Journey** - The standards-based ST Math objectives assigned and sequenced by default for the grade level. (# of puzzles)



**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

- ▲ Numbers and Objects to 5 (123)
- ▲ Subitizing (92)
- ▲ Numbers and Objects to 10 (184)
- ▲ Exploring Shapes (85)
- ▲ Greater Than, Less Than, Equal To (113)
- ▲ Understanding Addition and Subtraction within 5 (147)
- ▲ Composing Shapes (86)
- ▲ Understanding Addition & Subtraction within 10 (176)
- ▲ Making 10 and Number Pairs (107)
- ▲ Numbers and Objects to 20 (116)
- ▲ Comparing Numbers (128)
- ▲ Counting to 100 (92)
- ▲ Foundations of Place Value (144)
- ▲ Measurable Attributes (91)
- ▲ Addition and Subtraction Facts within 5 (78)
- ▲ Sorting and Classifying (82)
- ▲ Analyzing Shapes (100)
- ▲ Position (70)
- ▲ Math Challenge K (286)
- ▲ Challenge K (303)
- ▲ Exploring Patterns (28)
- ▲ Advanced Patterns (111)
- ▲ Position Symbolic (154)
- ▲ Technology Interaction (26)

### Grade 1

- ▲ Addition and Subtraction Within 10 (243)
- ▲ Measurement Concepts (94)
- ▲ Number Pairs and Making 10 (107)
- ▲ Addition and Subtraction with Unknowns (218)
- ▲ Addition, Subtraction and Equations (90)
- ▲ Composite Shapes (108)
- ▲ Counting to 120 (130)
- ▲ Counting by Tens (148)
- ▲ Counting with Groups (136)
- ▲ Place Value Concepts (100)
- ▲ Comparing Two-Digit Numbers (135)
- ▲ Adding and Subtracting by Tens (114)
- ▲ Equal Shares and Partitioning (124)
- ▲ Shape Differences (112)
- ▲ Addition and Subtraction Within 20 (132)
- ▲ Using Place Value to Add (54)
- ▲ Organizing Data (111)
- ▲ Telling Time (100)
- ▲ Math Challenge 1 (284)
- ▲ Challenge 1 (346)
- ▲ Equal Shares and Partitioning Symbolic (60)
- ▲ Two-Digit Number Words (88)
- ▲ Addition and Subtraction Facts (274)

### Grade 2

- ▲ Skip Counting (69)
- ▲ Addition and Subtraction Situations (197)
- ▲ The Number Line (128)
- ▲ Addition and Subtraction Situations within 100 (98)
- ▲ Operations on the Number Line (68)
- ▲ Measurement (68)
- ▲ Addition and Subtraction with Measurement (42)
- ▲ Place Value to 1,000 (107)
- ▲ Represent Numbers to 1000 (74)
- ▲ Counting to 1,000 (91)
- ▲ Comparing Three-Digit Numbers (95)
- ▲ Two Step Situations (154)
- ▲ Adding and Subtracting Tens and Hundreds (106)
- ▲ Place Value Bundles - Ten and Hundred (208)
- ▲ Using Place Value to Add and Subtract (54)
- ▲ Even and Odd Numbers (168)
- ▲ Intro to Arrays (104)
- ▲ Shapes (122)
- ▲ Partitioning into Equal Shares (66)
- ▲ Money (121)
- ▲ Time (148)
- ▲ Model Addition and Subtraction within 1000 (132)
- ▲ Creating Graphs (94)
- ▲ Intro to Line Plots (36)
- ▲ Addition and Subtraction within 100 (155)
- ▲ Math Challenge 2 (260)
- ▲ Challenge 2 (413)
- ▲ Money, Extended (107)
- ▲ Partitioning Symbolic (102)
- ▲ Addition and Subtraction Facts (274)

## Grade 3

- ▲ Multiplication Concepts (90)
- ▲ Division Concepts (113)
- ▲ Multiplication and Division Relationships (189)
- ▲ Rounding Three-Digit Numbers (78)
- ▲ Place Value Bundles (152)
- ▲ Addition and Subtraction with Regrouping (126)
- ▲ Multiplication and Area (109)
- ▲ Properties of Multiplication (138)
- ▲ Multiplication Facts and Strategies (117)
- ▲ Division Facts and Strategies (101)
- ▲ Fraction Concepts (163)
- ▲ Fractions on the Number Line (174)
- ▲ Fraction Equivalence and Ordering (163)
- ▲ Number Patterns (91)
- ▲ Mass and Volume (168)
- ▲ Solve Two-Step Problems (116)
- ▲ Area and Perimeter (101)
- ▲ Time to the Minute (172)
- ▲ Intervals of Time (206)
- ▲ Scale and Measurement in Graphing (56)
- ▲ Line Plots (36)
- ▲ Shape Attributes (76)
- ▲ Math Challenge 3 (297)
- ▲ Challenge 3 (414)
- ▲ Cognitive Training (19)
- ▲ Patterns and Functions (143)
- ▲ Temperature and Capacity (92)
- ▲ Place Value Bundles - Ten, Hundred, Thousand (202)
- ▲ Multiplication and Division Facts (293)
- ▲ Addition and Subtraction Facts (274)

## Grade 4

- ▲ Place Value (106)
- ▲ Rounding Whole Numbers (20)
- ▲ Comparing Whole Numbers (54)
- ▲ Addition and Subtraction Algorithm (84)
- ▲ Multi-Step Addition & Subtraction Problems (62)
- ▲ Multiplicative Comparison (72)
- ▲ Factors and Multiples (88)
- ▲ Patterns (95)
- ▲ Multi-Step Problems Using 4 Operations (142)
- ▲ Applying Area and Perimeter (72)
- ▲ Mixed Numbers (166)
- ▲ Fraction Equivalence (149)
- ▲ Addition and Subtraction with Fractions (235)
- ▲ Fraction Multiplication (96)
- ▲ Decimal Fractions (189)
- ▲ Comparing Decimals (84)
- ▲ Lines and Angles (186)
- ▲ Lines of Symmetry (90)
- ▲ Classifying Shapes (48)
- ▲ Measurement and Conversions (109)
- ▲ Multi-Digit Multiplication (42)
- ▲ Multi-Digit Division (75)
- ▲ Line Plots and Range (84)
- ▲ Math Challenge 4 (311)
- ▲ Challenge 4 (320)
- ▲ Cognitive Training (19)
- ▲ Multiplication and Division Facts (293)
- ▲ Addition and Subtraction Facts (274)

## Grade 5

- ▲ Decimal Place Value (150)
- ▲ Comparing with Decimals (88)
- ▲ Rounding Decimals (42)
- ▲ Interpret Expressions (78)
- ▲ Patterns and Relationships (134)
- ▲ Multiplication Algorithm (72)
- ▲ Division Algorithm Strategies (110)
- ▲ Addition and Subtraction with Decimals (64)
- ▲ Multiplying Decimals (56)
- ▲ Dividing Decimals (108)
- ▲ Common Denominators and Equivalent Fractions (113)
- ▲ Adding and Subtracting Fractions with Unlike Denominators (266)
- ▲ Multiplying Fractions (216)
- ▲ Dividing Fractions (127)
- ▲ Volume (153)
- ▲ Converting Measurements (164)
- ▲ The Coordinate Plane (132)
- ▲ Line Plots Decimals and Mode (121)
- ▲ Shapes and Properties (54)
- ▲ Math Challenge 5 (312)
- ▲ Challenge 5 (327)
- ▲ Cognitive Training (19)
- ▲ Multiplication and Division Facts (293)
- ▲ Addition and Subtraction Facts (274)

## Grade 6

- ▲ Negative Numbers (121)
- ▲ Coordinates and Distances (121)
- ▲ Proportional Reasoning (251)
- ▲ Percents (225)
- ▲ Unit Rates, Tables, and Graphs (149)
- ▲ Fraction Division (281)
- ▲ Properties of Operations (109)
- ▲ Division Algorithm (154)
- ▲ Modeling with Expressions (129)
- ▲ Solving One-Step Equations (155)
- ▲ Linear Relationships (108)
- ▲ Exponents (212)
- ▲ Decimal Addition and Subtraction (75)
- ▲ Decimal Multiplication (161)
- ▲ Decimal Division (59)
- ▲ Area of Polygons (172)
- ▲ Line Plot Intro and Histograms (61)
- ▲ Line Plots and Summary Statistics (158)
- ▲ Challenge 6 (327)
- ▲ Cognitive Training (19)
- ▲ Applying Rates and Ratios (102)
- ▲ Graphing Proportional Relationships (140)
- ▲ Summer Bridge Grade 6 (207)
- ▲ Multiplication and Division Facts (293)
- ▲ Addition and Subtraction Facts (274)

