



Middle School

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.

Grade 6

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

Grade 7

- | | | |
|---|------------------------------|-------------------------------------|
| ▲ Addition and Subtraction with Negative Numbers | ▲ Properties of Operations | ▲ Polygon Angle Sums |
| ▲ Multiplication and Division with Negative Numbers | ▲ Using Parentheses | ▲ Probability |
| ▲ Proportional Relationships | ▲ Solving One-Step Equations | ▲ Line Plots and Summary Statistics |
| ▲ Percents with Increases and Decreases | ▲ Solving Two-step Equations | △ Challenge |
| ▲ Unit Rates, Tables, and Graphs | ▲ Linear Relationships | △ Summer Bridge Grade 7 |
| ▲ Rational Concepts | ▲ Multi-Step Percents | ▲ Multiplication and Division Facts |
| ▲ Adding and Subtracting Rational Numbers | ▲ Applying Rates and Ratios | ▲ Addition and Subtraction Facts |
| ▲ Multiplying and Dividing Rational Numbers | ▲ Relationship Graphs | |

Grade 8

- | | | |
|----------------------------------|-------------------------------------|-------------------------------------|
| ▲ Rational Concepts | ▲ Relationship Graphs | ▲ Multiplication and Division Facts |
| ▲ Unit Rates, Tables, and Graphs | ▲ Linear Relationships | ▲ Addition and Subtraction Facts |
| ▲ Solving One-Step Equations | ▲ Graphing Linear Functions | ▲ Factoring Quadratics |
| ▲ Solving Two-Step Equations | ▲ Line Plots and Summary Statistics | ▲ Parabolas and Quadratic Functions |
| ▲ Solving Linear Equations | △ Challenge | ▲ Percent Growth |
| ▲ Exponents and Squares | △ Summer Bridge Grade 8 | |

