



## Gardes 1-8

This course is designed to help the students recap the material of the previous academic year with the specific focus on areas where students may need a review. Students will study the next academic year curriculum's highlights and more depending on the length of the course chosen. It will lay the proper base for a smooth transition to the next grade.

## **COURSE TOPICS**

**Grade 2:** Place Value, Addition and subtraction within 100 and 1000, Measurement, data, and geometry.

**Grade 3:** Intro to multiplication, 1-digit multiplication, Addition, subtraction and estimation, Intro to division, Understand fractions, Equivalent fractions and comparing fractions, More with multiplication and division, Arithmetic patterns and problem-solving, Geometry - Quadrilaterals, Area, Perimeter, Time, Measurement, Statistics.

**Grade 4:** Place value, Addition, subtraction, and estimation, Multiply by 2-digit numbers, Division, Factors, multiples, and patterns, Equivalent fractions and comparing fractions, Add and subtract fractions, Multiply fractions, Understand decimals, Plane figures, Measuring angles, Area and perimeter, Units of measurement.

**Grade 5:** Decimal place value, Add decimals, Subtract decimals, Add and subtract fractions, Multi-digit multiplication and division, Multiply fractions, Divide fractions, Multiply decimals, Divide decimals, Powers of ten, Volume, Coordinate plane, Algebraic

thinking, Converting units of measure, Line plots, Properties of shapes.

**Grade 6:** Ratios, rates, & percentages, Arithmetic operations, Negative numbers, Properties of numbers, Variables & expressions, Equations & inequalities introduction, Geometry, Data and statistics.

**Grade 7:** Negative numbers: addition and subtraction, Negative numbers: multiplication and division, Fractions, decimals, & percentages, Rates & proportional relationships, Expressions, equations, & inequalities, Geometry, Statistics and probability.

**Grade 8:** Numbers and operations, Solving equations with one unknown, Linear equations and functions, Systems of equations, Geometry, Geometric transformations, Data and modeling.