

MOVE TO LEARN GLOBAL SCHOOL

GRADE 6 CURRICULUM - MATH

Unit 1 – Deep Blue Sea

Number and Operations Calculate with multidigit whole numbers; Use order of operations; Determine place values of digits; Round Decimals; Add, subtract, multiply and divide with fractions and mixed numbers; Multiply and divide with decimals; Compare and order positive numbers; Solve word problems

Ratio and Rates Use and calculate rates

Expressions & Equations Evaluate expressions; Simplify expressions with exponents

Mathematical Reasoning Use logical thinking; Explain thinking

Test Your Skills

Unit 2 – Pizza Math

Number and Operations Find factors and multiples; Divide with fractions and decimals; Multiply with fractions and mixed numbers; Convert between decimals and fractions or mixed numbers; Solve word problems

Ratios & Rates Calculate and use ratios

Expressions & Equations Write and evaluate expressions

Test Your Skills

Unit 3 – Collections

Number and Operations Find percent of a quantity; Convert between ratios, fractions, decimals, and percents; Calculate with percent; Locate positive and negative numbers on a number line; Compare positive and negative numbers; Solve word problems.

Ratios & Rates Use ratios

Statistics Read a line graph and a double bar graph

Geometry Graph points on a coordinate grid; Find the volume of a rectangular prism

Mathematical Reasoning Use logical thinking

Test Your Skills

Unit 4 – Yard Sale

Number and Operations Use order of operations; Add and subtract with decimals; Find percent of a quantity; Solve word problems

Ratios & Rates Calculate and use ratios and rates

Statistics Create and interpret a line plot; Interpret a bar graph; Find measures of center

Geometry Graph points on a coordinate grid; Find the area of a polygon

Mathematical Reasoning Use spatial reasoning

Test Your Skills

Unit 5 – Welcome to Hawai'i

Number and Operations Find multiples; Multiply with fractions; Write equivalent fractions, decimals, and percents; Locate positive and negative numbers on a number line; Solve word problems

Expressions & Equations Evaluate expressions with variables

Statistics Create and interpret a line plot; Find measures of center

Geometry Draw polygons on a coordinate grid

Mathematical Reasoning Use logical thinking; Use spatial reasoning

Test Your Skills

Unit 6 – Sporty Math

Number and Operations Use order of operations; Add, subtract, multiply and divide with fractions and decimals; Find percent of a quantity; Use positive and negative numbers; Solve word problems

Ratios & Rates Calculate, compare, and use rates

Statistics Read a line plot; Create and interpret a double bar graph; Find measures of center

Geometry Use nets to represent three-dimensional figures

Mathematical Reasoning Use logical thinking; Explain thinking

Test Your Skills

Unit 7 – Outdoor Fun

Number and Operations Divide with mixed number; Find absolute value; Solve word problems

Ratios & Rates Calculate ratios

Expressions & Equations Evaluate expressions with variables; Identify and write equivalent expressions; Write and solve inequalities

Geometry Find the perimeter and area of a polygon

Mathematical Reasoning Explain thinking

Test Your Skills

Unit 8 – At the Mall

Number and Operations Calculate with percents; Locate positive and negative numbers on a number line; Compare positive and negative numbers; Solve word problems

Expressions & Equations Solve equations with variables

Statistics Create and interpret a circle graph

Geometry Graph points on a coordinate grid; Find the area of a polygon; Calculate surface area

Mathematical Reasoning Use spatial reasoning

Test Your Skills

Unit 9 – Arts & Crafts

Number and Operations Solve word problems.

Ratios & Rates Use rates

Expressions & Equations Write and evaluate expressions with variables; Write and solve equations with variables; Write and solve inequalities

Statistics Find measures of center

Geometry Find the perimeter and area of a polygon

Mathematical Reasoning Use spatial reasoning; Explain thinking

Test Your Skills

Unit 10 – Outer Space

Number and Operations Calculate with percents; Locate positive and negative numbers on a number line; Solve word problems

Expressions & Equations Write and solve equations with variables; Identify equivalent expressions

Statistics Read a histogram; Find measures of center

Geometry Graph points on a coordinate grid; Find distance on a coordinate grid

Mathematical Reasoning Use spatial reasoning

Test Your Skills