

# MOVE TO LEARN GLOBAL SCHOOL

## GRADE 4 CURRICULUM - MATH

### Unit 1 – Amusement Park

**Number and Operations:** Add, subtract, multiply, and divide within 100; Multiply with multiples of 10 and 100; identify odd and even numbers; Identify fractions; Write equivalent fractions; Solve word problems

**Base Ten:** Compare numbers; Compose and decompose numbers; Write numbers in standard and expanded form

**Measurement and Data:** Measure time intervals

**Geometry:** Determine area

**Mathematical Reasoning:** Use logical thinking

**Test Your Skills**

### Unit 2 – School Days

**Number and Operations:** Add and subtract within 10000; Multiply a multi-digit number by a 1-digit number; Divide within 1000; Compare fractions; Solve word problems; Recognize the relationship between multiplication and division

**Algebraic Thinking:** Analyze and extend patterns

**Measurement and Data:** Measure length in centimeters; Convert measurements; Determine area and perimeter; Interpret a picture graph

**Geometry:** Draw lines of symmetry

**Mathematical Reasoning:** Use logical thinking

**Test Your Skills**

### Unit 3 – World of Insects

**Number and Operations:** Add, and subtract fractions and mixed numbers; Find factors; Identify prime and composite numbers; Solve word problems

**Base Ten:** Round large numbers; Write numbers in standard form

**Measurement and Data:** Determine area and perimeter; Interpret a line plot

**Geometry:** Draw symmetrical shapes

**Mathematical Reasoning:** Use logical thinking

**Test Your Skills**

### Unit 4 – At the Bakery

**Number and Operations:** Multiply with multiples of 10; Multiply a whole number by a fraction; Find common factors; Find multiples; Compare fractions; Solve word problems

**Algebraic Thinking:** Analyze and extend patterns

**Measurement and Data:** Convert Measurements; Measure time intervals

**Mathematical Reasoning:** Use logical thinking

**Test Your Skills**

## Unit 5 – Winter Fun

**Number and Operations:** Multiply multi-digit numbers; Divide with remainders; Solve word problems

**Base Ten:** Write numbers in different ways; Write tenths and hundredths as fractions and decimals

**Measurement and Data:** Estimate weight, length, capacity and time; Measure length in centimeters;

**Geometry:** Identify lines, line segments, and rays; Identify types of lines

**Mathematical Reasoning:** Use logical thinking

**Test Your Skills**

## Unit 6 – Pet Pals

**Number and Operations:** Add, subtract, multiply, and divide within 1000; Add and subtract decimals; Solve word problems

**Base Ten:** Round large numbers; Compare decimals

**Algebraic Thinking:** Analyze and extend patterns

**Measurement and Data:** Measure length in inches

**Geometry:** Identify lines, line segments, and rays; Classify angles

**Mathematical Reasoning:** Use logical thinking

**Test Your Skills**

## Unit 7 – At the Library

**Number and Operations:** Multiply a multi-digit number by a 1-digit number; Add and subtract mixed numbers; Find fractions and multiples; Solve word problems

**Base Ten:** Round large numbers; Order decimals

**Measurement and Data** Compare U.S. customary measure of length; Tell time to the nearest minute; Measure time intervals; Read a line graph

**Mathematical Reasoning:** Use logical thinking; Use spatial reasoning

**Test Your Skills**

## Unit 8 – Wildlife Park

**Number and Operations:** Add, subtract, multiply, and divide within 1,000. Find factors and multiples; Multiply a multi-digit number by a 1-digit number; Divide with remainders; Solve word problems

**Algebraic Thinking:** Extend and create patterns

**Measurement and Data:** Determine area and perimeter; Convert capacity measurements

**Geometry:** Draw symmetrical shapes; Find angle measures

**Mathematical Reasoning:** Use logical thinking; Explain thinking

**Test Your Skills**

## Unit 9 – Sports World

**Number and Operations:** Add within 100,000; Find factors and multiples; Add and subtract decimals; Solve word problems

**Algebraic Thinking:** Analyze and extend patterns

**Measurement and Data:** Read a venn diagram

**Geometry:** Describe shapes by lines and angles

**Mathematical Reasoning:** Use logical thinking; Explain thinking

**Test Your Skills**

## Unit 10 – On the Move

**Number and Operations:** Multiply a multi-digit number by a 1-digit number; Divide without remainders; Add and subtract fractions; Find factors and multiples; Solve word problems

**Measurement and Data:** Convert measurements; Read a circle graph

**Geometry:** Identify line segments; Classify shapes and angles; Find angle measures

**Mathematical Reasoning:** Use logical thinking; explain thinking

**Test Your Skills**