

## MATHS AT CORVEDALE PRIMARY SCHOOL YEAR 4 OBJECTIVES

### Number, Place Value, Approximation and Estimation/Rounding

- I can count in multiples of 6, 7, 9, 25 and 1,000.
- I can order and compare numbers beyond 1,000.
- I can find 1,000 more or less than a given number.
- I can recognise the place value of each digit in a 4-digit number.
- I can read roman numerals to 100.
- I can identify, represent and estimate numbers using different representations.
- I can round any number to the nearest 10, 100 or 1,000.
- I can count backwards through zero to include negative numbers.
- I can solve number and practical problems.

### Calculations

- I can add and subtract numbers (up to 4-digits) using column addition and subtraction.
- I can estimate and use inverse operations to check answers in a calculation.
- I can solve addition and subtraction 2-step problems in contexts, deciding which operations and methods to use and why.
- I can recall multiplication and division facts up to  $12 \times 12$ .
- I can multiply and divide mentally using place value, known and derived facts.
- I can multiply 2 and 3 digit numbers by a 1-digit number using a written method.
- I can solve problems involving multiplying and adding.

### Fractions, Decimals and Percentages

- I can count up and down in hundredths.
- I can know that hundredths are when dividing an object by a hundred and dividing tenths by ten.
- I can recognise and show, using diagrams, families of common equivalent fractions.
- I can add and subtract fractions within the same denominator.
- I can recognise and write decimal equivalents to  $\frac{1}{4}$ ,  $\frac{1}{2}$  and  $\frac{3}{4}$ .
- I can recognise and write decimal equivalents of any number of tenths or hundredths.
- I can round decimals with one decimal place to the nearest whole number.
- I can compare numbers with the same number of decimal places up to 2 decimal places.
- I know that when dividing a 1-digit or 2-digit number by 10 and 100, the values of the digits in the answer are ones, tenths and hundredths.
- I can solve problems involving increasingly harder fractions to divide quantities.
- I can solve simple measure and money problems involving fractions and decimals to 2 decimal places.

### Measurement

- I can compare, estimate and calculate different measures.
- I can read, write and convert time between analogue and digital 12 hour clocks.
- I can read, write and convert time between analogue and digital 24 hour clocks.
- I can solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.
- I can convert between different units of measurements
- I can measure and calculate the perimeter of a straight lined shape in cm and m.
- I can find the area of a straight lined shape by counting squares.
- I can calculate different measures.

### **Geometry – Properties of Shape**

I can compare and classify geometric shapes, including quadrilateral and triangles based on their properties and sizes.

I can identify lines of symmetry in 2D shapes presented in different orientations.

I can complete a simple symmetric figure with a specific line of symmetry.

I can identify acute and obtuse angles and compare and order.

### **Geometry – Position and Direction**

I can describe movements between positions as translations (left/right, up/down).

I can describe positions on a 2D grid as coordinates in the first quadrant.

I can plot specified points and draw sides to complete a given polygon.

### **Statistics**

I can interpret and present data using appropriate charts/graphs.

I can solve comparison, sum and difference problems using information in bar charts, pictograms, tables and other graphs.