Mathematics
Year 4 Key Objectives

- Recognise the place value of each digit in a four-digit number

- Round any number to the nearest 10, 100 or 1000

- Recall multiplication and division facts for multiplication tables up to 12 × 12

- Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers

- Recognise and use factor pairs and commutativity in mental calculations

- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout

- Recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.

- Recognise and write decimal equivalents to ¼, ½ and ¾

- Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

- Round decimals with one decimal place to the nearest whole number

- Compare numbers with the same number of decimal places up to two decimal places

- Convert between different units of measure; estimate, compare and calculate different measures, including money in pounds and pence

- Find the area of rectilinear shapes by counting squares

- Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days

- Compare and classify geometric shapes, including quadrilaterals and triangles, based on properties and sizes

- Complete a simple symmetric figure with respect to a specific line of symmetry.

- Describe positions on a 2-D grid as coordinates in the first quadrant

- Describe movements between positions as translations of a given unit to the left/right and up/down

- Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs