

## NUMBER AND PLACE VALUE

- Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.
- Recognise the place value of each digit in a two-digit number (tens, ones)
- Identify, represent and estimate numbers using different representations, including the number line.
- Compare and order numbers from 0 up to 100; use  $<$ ,  $>$  and  $=$  signs
- Read and write numbers to at least 100 in numerals and words.
- Use place value and number facts to solve problems.

## GEOMETRY

- Identify and describe the properties of 2-D shapes, including the number of sides and lines of symmetry.
- Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces
- Identify 2-D shapes on the surface of 3-D shapes [for example, a circle on a cylinder and a triangle on a pyramid]
- Compare and sort common 2-D and 3-D shapes and everyday objects.
- Use mathematical vocabulary to describe position, direction and movement.

## FRACTIONS AND DECIMALS

- Recognise, find, name and write the fractions  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$  and  $\frac{3}{4}$  of a length, shape, set of objects or quantity.
- Write simple fractions for example  $\frac{1}{2}$  of 6.
- Recognise the equivalence of  $\frac{2}{4}$  and  $\frac{1}{2}$ .

# Year 2 Maths

## End of Year Expectations



## MEASURES

- Choose and use appropriate standard units to estimate and measure length/height in any direction, mass; temperature; capacity using different equipment.
- Compare and order lengths, mass, volume/capacity and record the results using  $>$ ,  $<$  and  $=$ .
- Recognise and use symbols for pounds (£) and pence (p).
- Find different combinations of coins that equal the same amounts of money.
- Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
- Compare and sequence intervals of time.
- Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.
- Know the number of minutes in an hour and the number of hours in a day.

## CALCULATION

- Solve addition and subtraction problem using concrete objects and pictorial representations.
- Solve addition and subtraction problems by applying knowledge of mental and written methods.
- Recall and use addition and subtraction facts to 20 fluently.
- Derive and use related facts up to 100.
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems
- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables.
- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ( $\times$ ), division ( $\div$ ) and equals ( $=$ ) signs.
- Solve problems involving multiplication and division, using materials, arrays, repeated addition and mental methods.

## STATISTICS

- Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
- Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.
- Ask and answer questions about totalling and comparing categorical data.