

 Year Two			
<b>Number Place Value</b>	Count in steps of 2, 3, and 5 from 0, forwards and backwards Count in tens from any number, forwards and backwards.		
	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 =.		
	Read and write numbers to at least 100 in numerals and in words.		
	Use place value and number facts to solve problems.		
<b>Number Addition &amp; Subtraction</b>	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures.		
	Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.		
	Recall and use addition and subtraction facts to 20 fluently.		
	Derive and use related facts up to 100.		
	Add and subtract numbers using concrete objects, pictorial representations, and mentally: Two-digit number and ones		
	Two-digit number and tens		
	Two two-digit numbers		
	Add three one-digit numbers		
	Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.		
	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems.		
<b>Number Multiplication &amp; Division</b>	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables.		
	Recognise odd and even numbers.		
	Write multiplication and division statements e.g. $2 \times 5 = 10$		

	Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.		
	Solve problems involving multiplication and division, using materials, mental methods, and multiplication and division facts, including problems in contexts.		
<b>Number Fractions</b>	Recognise, find, name and write fractions $\frac{1}{3}$ , $\frac{1}{4}$ , $\frac{2}{4}$ and $\frac{3}{4}$ of a length or shape.		
	Recognise, find, name and write fractions $\frac{1}{3}$ , $\frac{1}{4}$ , $\frac{2}{4}$ and $\frac{3}{4}$ of a set of objects or quantity.		
	Write simple fractions e.g. $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of two quarters and one half.		

<b>Measurement</b>	Choose and use appropriate standard units to estimate and measure: length/height in any direction (m/cm) to the nearest appropriate unit, using rulers.			
	Choose and use appropriate standard units to estimate and measure: mass (kg/g); temperature ( $^{\circ}\text{C}$ ); capacity (litres/ml) to the nearest appropriate unit, using scales, thermometers and measuring vessels.			
	Compare and order lengths, mass, volume/capacity and record the results using >, < and =			
	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.			
	Find different combinations of coins to equal the same amounts of money.			
	Solve simple problems in a practical context involving addition and subtraction of money, 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.			
	<b>Geometry – Properties of shape</b>	Identify and describe the properties of 2-D shapes, including the number of sides and symmetry in a vertical line.		
		Identify vertical lines of symmetry in 2-D shapes.		
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.				

<b>Position and direction</b>	Order and arrange combinations of mathematical objects in patterns and sequences.			
	Use mathematical vocabulary to describe position, direction and movement.			
	Use mathematical vocabulary to describe rotations as turns (in terms of right angles for quarter, half and three quarter turns.			
<b>Statistics</b>	Interpret and construct pictograms.			
	Interpret and construct tally charts.			
	Interpret and construct block diagrams.			
	Ask and answer simple questions by counting numbers in each category.			