Maths Coverage Year Two

Autumn Term	Number – Place value	Number – Addition and Subtraction	Measurement - Money	Number- Multiplication and division	
	Read and write numbers to at least 100 in numerals and in words.	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.	Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.	
	Recognise the place value of each digit in a two digit number (tens, ones)	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and ones; a two-digit number and tens; two two-digit numbers; adding three one-digit numbers.	Find different combinations of coins that equal the same amounts of money.	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.	
	Identify, represent and estimate numbers using different representations including the number line.		Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.		
	Compare and order numbers from 0 up to 100; use <, > and = signs.	Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.		Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.	
	Use place value and number facts to solve problems.	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods.		Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.	
	Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.				
		Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and			

			solve missing number problems.		
Spring Term	**Number- Multiplication and division**	**Statistics**	**Geometry – Properties of shape**	**Number - Fractions**	**Measurement – Length and height**
	Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers. Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs. Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts. Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.	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.	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. 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.	Recognise, find, name and write fractions 13, 14, 24 and 34 of a length, shape, set of objects or quantity. Write simple fractions for example, 12 of 6 = 3 and recognise the equivalence of 24 and 12.	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using >, < and =
Summer Term	**Position and direction**	**Problem solving and efficient methods**	**Measurement - Time**	**Measurement – Mass, capacity and temperature**	**Investigations**
	Use mathematical vocabulary to describe position, direction and movement including movement in a straight line and distinguishing between rotation as a		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.	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the	

	turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise). Order and arrange combinations of mathematical objects in patterns and sequences		Know the number of minutes in an hour and the number of hours in a day. Compare and sequence intervals of time.	nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using >, < and =	