

Year 2	Maths National Curriculum 2014 Programme of Study (POS)		Au	Sp	Su	Arithmetic Coverage	
Y2 1: Place Value	Y2 1a	Read and write numbers to at least 100 in numerals and in words.				Calculation and Place Value: <ul style="list-style-type: none"> Counting forwards and backwards in a range of sequences. Sequence numbers correctly according to their place value Comparing numbers using symbols $< = >$ Place value in tens and hundreds numbers Number bonds to 100. Ordering numbers correctly Subtraction – on a blank number line Division – on a blank number line Multiplication – arrays/mental Addition – partition and recombine/jottings Sequence numbers correctly according to their place value Comparing numbers using symbols $< = >$ Place value in tens and hundreds numbers 	Fractions: <ul style="list-style-type: none"> Write simple fractions Name and write $\frac{1}{4}$ of a length, shape, quantity Recognise and find $\frac{1}{4}$ of a length, shape, quantity. Name and write $\frac{1}{3}$ of a length, shape, quantity. Recognise and find $\frac{1}{3}$ of a length, shape, quantity. Name and write $\frac{2}{4}$ of a length, shape, quantity. Recognise and find $\frac{2}{4}$ of a length, shape, quantity. Recognise and find $\frac{3}{4}$ of a length, shape, quantity. Name and write $\frac{3}{4}$ of a length, shape, quantity.
	Y2 1b	Recognise the place value of each digit in a two-digit number (tens, ones)					
	Y2 1c	Identify, represent and estimate numbers using different representations including the number line.					
	Y2 1d	Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs.					
	Y2 1e	Use place value and number facts to solve problems.					
	Y2 1f	Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backwards.					
Y2 2: Addition and Subtraction	Y2 2a	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.					
	Y2 2b	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.					
	Y2 2c	Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.					

	Y2 2d	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.				<ul style="list-style-type: none"> • Multiplication – arrays/mental • Quick recall of times tables (2, 5, 10) • Addition – partition and recombine/jottings • Missing number calculations (addition and subtraction) 	<ul style="list-style-type: none"> • Write simple fractions • Recognise Equivalence • Fractions of quantities • Fractions of shape
	Y2 2e	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.					
Y2 3: Multiplication and Division	Y2 3a	Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.					
	Y2 3b	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.					
	Y2 3c	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.					
	Y2 3d	Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.					
Y2 4: Fractions,	Y2 4a	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.					
	Y2 4b	Write simple fractions for example, $\frac{1}{2}$ of $6 = 3$ and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.					

Y2 5: Position, Direction and Shape	Y2 5a	Use mathematical vocabulary to describe position, direction and movement including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).					
	Y2 5b	Order and arrange combinations of mathematical objects in patterns and sequences.					
	Y2 5c	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.					
	Y2 5d	Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.					
	Y2 5e	Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid.]					
	Y2 5f	Compare and sort common 2-D and 3-D shapes and everyday objects.					
Y2 7: Measure	Y2 7a	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					
	Y2 7b	Compare and order lengths, mass, volume/capacity and record the results using >, < and =					
	Y2 7c	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.					

	Y2 7d	Find different combinations of coins that equal the same amounts of money.					
	Y2 7e	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.					
Y2 8: Time	Y2 8a	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.					
	Y2 8b	Know the number of minutes in an hour and the number of hours in a day.					
	Y2 8c	Compare and sequence intervals of time.					
Y2 9: Statistics	Y2 9a	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.					
	Y2 9b	Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.					
	Y2 9c	Ask and answer questions about totalling and comparing categorical data.					