YEAR 2 MATHEMATICS CURRICULUM FRAMEWORK

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Number and Place Value	Y2.NPV.1 count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward Y2.NPV.2 recognise the place value of each digit in a two-digit number (tens, ones) Y2.NPV.3 identify, represent and estimate numbers using different representations, including the number line Y2.NPV.4 compare and order numbers from 0 up to 100; use <, >and = signs Y2.NPV.5 read and write numbers to at least 100 in numerals and in words Y2.NPV.6 use place value and number facts to solve	Y2.NPV.1 count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward Y2.NPV.2 recognise the place value of each digit in a two-digit number (tens, ones) Y2.NPV.3 identify, represent and estimate numbers using different representations, including the number line Y2.NPV.4 compare and order numbers from 0 up to 100; use <, >and = signs Y2.NPV.5 read and write numbers to at least 100 in numerals and in words Y2.NPV.6 use place value and number facts to solve	Y2.NPV.1 count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward Y2.NPV.2 recognise the place value of each digit in a two-digit number (tens, ones) Y2.NPV.3 identify, represent and estimate numbers using different representations, including the number line Y2.NPV.4 compare and order numbers from 0 up to 100; use <, >and = signs Y2.NPV.5 read and write numbers to at least 100 in numerals and in words Y2.NPV.6 use place value and number facts to solve

Addition and Subtraction	• Y2.NAS.1 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
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	Y2.NAS.2 recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	Y2.NAS.2 recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	Y2.NAS.2 recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100

	• Y2.NAS.3 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.NAS.3 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
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			    • a two-digit number and ones
			    • a two-digit number and tens
			    • two two-digit numbers
			    • adding three one-digit numbers

	• Y2.NAS.4 show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	• Y2.NAS.4 show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	• Y2.NAS.4 show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
	Y2.NAS.5 recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.	Y2.NAS.5 recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.	Y2.NAS.5 recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

Multiplication and division	Y2.NMD.1 recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Y2.NMD.2 calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs Y2.NMD.4 solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	Y2.NMD.1 recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Y2.NMD.2 calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs Y2.NMD.3 show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot Y2.NMD.4 solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	Y2.NMD.1 recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Y2.NMD.2 calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs Y2.NMD.3 show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot Y2.NMD.4 solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts
Fractions		Y2.NF.1 recognise, find, name and write fractions ⅓, ¼, 2/4 and ¾ of a length, shape, set of objects or quantity Y2.NF.2 write simple fractions for example, ½ of 6 = 3 and recognise the equivalence of 2/4 and ½	Y2.NF.1 recognise, find, name and write fractions ⅓, ¼, 2/4 and ¾ of a length, shape, set of objects or quantity Y2.NF.2 write simple fractions for example, ½ of 6 = 3 and recognise the equivalence of 2/4 and ½

Measures	Y2.M.1 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.M.3 recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value	Y2.M.1 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.M.2 compare and order lengths, mass, volume/capacity and record the results using >, <and =	Y2.M.5 solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	Y2.M.2 compare and order lengths, mass, volume/capacity and record the results using >, <and =
	Y2.M.3 recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value	Y2.M.6 compare and sequence intervals of time	Y2.M.3 recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
	Y2.M.4 find different combinations of coins that equal the same amounts of money	Y2.M.7 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.M.4 find different combinations of coins that equal the same amounts of money
	Y2.M.7 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.M.8 know the number of minutes in an hour and the number of hours in a day	Y2.M.6 compare and sequence intervals of time
			Y2.M.7 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.M.8 know the number of minutes in an hour and the number of hours in a day

Geometry: properties of shape, position and direction	Y2.GPS.1 identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line Y2.GPS.4 compare and sort common 2-D and 3-D shapes and everyday objects Y2.GPD.2 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.GPS.2 identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces Y2.GPS.3 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.GPD.1 order and arrange combinations of mathematical objects in patterns and sequences Y2.GPD.2 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.GPD.2 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)
Statistics		Y2.S.1 interpret and construct simple pictograms, tally charts, block diagrams and simple tables Y2.S.2 ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity Y2.S.3 ask and answer questions about totalling and comparing categorical data	Y2.S.1 interpret and construct simple pictograms, tally charts, block diagrams and simple tables Y2.S.3 ask and answer questions about totalling and comparing categorical data