

Coverage of National Curriculum MATHS – LKS2 (Year 2 objectives)

	Number: Number and Place Value					
National Curriculum Objective	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 more than, less than equals signs	Read and write numbers to at least 100 in numerals and in words	Use place value and number facts to solve problems
Autumn 1		Cycle A		Cycle B	Ongoing	
Autumn 2			Cycle A			
Spring 1	Cycle B					Cycle A
Spring 2		Cycle B	Cycle A			
Summer 1	Cycle A		Cycle B			
Summer 2				Cycle A		Cycle B

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	Number: Addition and Subtraction			
National Curriculum Objective	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	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and ones	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems
Autumn 1		Cycle B	Cycle A	
Autumn 2	Cycle A		Cycle B	
Spring 1				Cycle B
Spring 2	Cycle B	Cycle A		
Summer 1				
Summer 2				Cycle A

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	Number: Multiplication and Division			Number: Fractions	
National Curriculum Objective	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers	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, mental methods, and multiplication and division facts, including problems in contexts	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	Write simple fractions for example, $\frac{1}{2}$ of $6 = 3$ and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$
Autumn1					
Autumn 2				Cycle B	
Spring 1			Cycle A		
Spring 2					
Summer 1	Cycle B			Cycle A	
Summer 2		Cycle B			

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Measurement								
National Curriculum Objective	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 more than less than and equals	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value	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
Autumn 1						Cycle A	Cycle A	Cycle A
Autumn 2	Cycle B (Length)							
Spring 1								
Spring 2	Cycle A (Weight)							
Summer 1			Cycle A/B	Cycle A/B	Cycle A/B			
Summer 2	Cycle B Capacity/Volume)							

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	Geometry: Properties of Shape			Geometry: Position and Direction		Statistics		
National Curriculum Objective	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]	Order and arrange combinations of mathematical objects in patterns and sequences	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).	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
Autumn 1					Cycle B			
Autumn 2	Cycle A	Cycle A	Cycle A					
Spring 1						Cycle A/B	Cycle A/B	Cycle A/B
Spring 2	Cycle B	Cycle B	Cycle B					
Summer 1								
Summer 2				Cycle A				