

## YEAR 2 - YEAR PLAN FOR MATHS 2021/22

Y2	Date	Autumn	Date	Spring	Date	Summer
<b>Number and place value</b>						
LO1		<ul style="list-style-type: none"> <li>I can count up to 100 objects using quick methods</li> </ul>				
LO2		<ul style="list-style-type: none"> <li>I can record using number sentences</li> </ul>				
LO3		<ul style="list-style-type: none"> <li>I can find odd and even patterns when counting from two-digit numbers</li> </ul>				
LO4		<ul style="list-style-type: none"> <li>I can count in steps of 2 and 5 from 0 and in tens from any number forwards</li> </ul>				
LO4a		<ul style="list-style-type: none"> <li>I can count in steps of 2 and 5 from 0 and in tens from any number backwards</li> </ul>				
LO5		<ul style="list-style-type: none"> <li>I can read and write numbers up to 100 and beyond using numerals and words</li> </ul>				
LO6		<ul style="list-style-type: none"> <li>I can recognise the place value of each digit in a two-digit number</li> </ul>				
LO7		<ul style="list-style-type: none"> <li>I can identify, represent and estimate numbers using different representations including a number line</li> </ul>				
LO8		<ul style="list-style-type: none"> <li>I can partition two-digit numbers into different combinations of tens and ones</li> </ul>				
LO9		I can use estimation to check my answers to a calculation are reasonable				
LO10		<ul style="list-style-type: none"> <li>I can compare and order numbers from 0 to 100 using greater than and less than</li> </ul>				
LO11		<ul style="list-style-type: none"> <li>I can find patterns when counting from three digit numbers</li> </ul>				
LO12		<ul style="list-style-type: none"> <li>I can use place value and number facts to solve problems</li> </ul>				
<b>Addition and subtraction</b>						
LO1		<ul style="list-style-type: none"> <li>I know my number bonds for number 10</li> </ul>				
LO2		<ul style="list-style-type: none"> <li>I know my number bonds for number 20</li> </ul>				
LO3		<ul style="list-style-type: none"> <li>I can add and subtract one-digit and two-digit numbers mentally</li> </ul>				
LO4		<ul style="list-style-type: none"> <li>I can add and subtract multiples of 10</li> </ul>				
LO5		<ul style="list-style-type: none"> <li>I understand adding and subtracting rules</li> </ul>				
LO6		<ul style="list-style-type: none"> <li>I can check recognise the inverse relationships between addition and subtraction and use this to check calculations and work out missing number problems</li> </ul>				
LO7		<ul style="list-style-type: none"> <li>I know multiples of 10 that add up to 100</li> </ul>				
LO8		<ul style="list-style-type: none"> <li>I can add 2-digit numbers to two-digit numbers within 100 using concrete apparatus or pictorial representations</li> </ul>				
LO9		<ul style="list-style-type: none"> <li>I can subtract 2-digit numbers from 2-digit numbers</li> </ul>				
LO10		<ul style="list-style-type: none"> <li>I know pairs of numbers that make 100</li> </ul>				

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LO11		<ul style="list-style-type: none"> <li>I can subtract mentally two two-digit numbers when there is no re-grouping required</li> </ul>			
LO12		<ul style="list-style-type: none"> <li>I can add mentally two two-digit numbers when there is no re-grouping required</li> </ul>			
LO13		<ul style="list-style-type: none"> <li>I can solve problems with addition and subtraction</li> </ul>			
LO14		<ul style="list-style-type: none"> <li>I can add three one digit numbers</li> </ul>			
<b>Multiplication and Division</b>					
LO1		<ul style="list-style-type: none"> <li>I know the doubles of all numbers to at least 20</li> </ul>			
LO2		<ul style="list-style-type: none"> <li>I know the multiples of 2</li> </ul>			
LO3		<ul style="list-style-type: none"> <li>I know the halves of numbers to at least 20</li> </ul>			
LO4		<ul style="list-style-type: none"> <li>I know the multiples of 10</li> </ul>			
LO5		<ul style="list-style-type: none"> <li>I know the multiples of 5</li> </ul>			
LO6		<ul style="list-style-type: none"> <li>I can write multiplication statements</li> </ul>			
LO7		<ul style="list-style-type: none"> <li>I can write division statements</li> </ul>			
LO8		<ul style="list-style-type: none"> <li>I understand multiplication and division rules</li> </ul>			
LO9		<ul style="list-style-type: none"> <li>I can check my answers using inverse operations</li> </ul>			
LO10		<p>I can recall and use multiplication facts for the 2, 5 and 10 times tables to solve problems demonstrating an understanding of commutativity as necessary</p>			
<b>Fractions</b>					
LO1A			<ul style="list-style-type: none"> <li>I know what a half (two quarters), a quarter and three quarters are of a length</li> </ul>		
LO1B			<ul style="list-style-type: none"> <li>I know what a half (two quarters), a quarter and three quarters are of a quantity</li> </ul>		
LO1C			<ul style="list-style-type: none"> <li>I know what a half (two quarters), a quarter and three quarters are of a shape</li> </ul>		
LO1D			<ul style="list-style-type: none"> <li>I know what a half (two quarters), a quarter and three quarters are of a set of objects</li> </ul>		
LO2			<ul style="list-style-type: none"> <li>I know and can write simple fractions</li> </ul>		
LO3			<ul style="list-style-type: none"> <li>I know that one half is the same as two quarters</li> </ul>		
<b>Measurement</b>					
LO1			<ul style="list-style-type: none"> <li>I can work in pounds and pence</li> </ul>		
LO2			<ul style="list-style-type: none"> <li>I can use different coins to make the same amount of money</li> </ul>		
LO3		<ul style="list-style-type: none"> <li>I can find ways to measure objects to answer questions</li> </ul>			
LO4		<ul style="list-style-type: none"> <li>I can estimate and then check my estimate by measuring</li> </ul>			
LO5		<ul style="list-style-type: none"> <li>I can measure mass using kilograms</li> </ul>			
LO6			<ul style="list-style-type: none"> <li>I can compare and order volume/capacity</li> </ul>		
LO7		<ul style="list-style-type: none"> <li>I can compare and order mass</li> </ul>			
LO8		<ul style="list-style-type: none"> <li>I can compare and order lengths</li> </ul>			
LO9					<ul style="list-style-type: none"> <li>I know the number of minutes in an hour and the number of hours in a day</li> </ul>

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LO9B						<ul style="list-style-type: none"> <li>I can draw the hands on a clock face to show time</li> </ul>
LO10						<ul style="list-style-type: none"> <li>I can tell and write the time to the nearest fifteen minutes</li> </ul>
LO11						<ul style="list-style-type: none"> <li>I can read a temperature scale on a thermometer</li> </ul>
LO12		<ul style="list-style-type: none"> <li>I can measure using kilograms and grams</li> </ul>				
LO13				<ul style="list-style-type: none"> <li>I can measure using litres and millilitres</li> </ul>		
LO14		<ul style="list-style-type: none"> <li>I can measure using metres and centimetres</li> </ul>				
LO15						<ul style="list-style-type: none"> <li>I can measure time in minutes and seconds</li> </ul>
LO16				<ul style="list-style-type: none"> <li>I can solve money problems in pounds and pence</li> </ul>		
LO16A				I can give the correct change		
LO17		<ul style="list-style-type: none"> <li>I can read a scale to the nearest whole division</li> </ul>		<ul style="list-style-type: none"> <li>I can read a scale to the nearest whole division</li> </ul>		<ul style="list-style-type: none"> <li>I can read a scale to the nearest whole division</li> </ul>
LO18						I can read the time on the clock to the nearest five minutes
LO19						<ul style="list-style-type: none"> <li>I can sequence and compare intervals of time</li> </ul>
LO20		<ul style="list-style-type: none"> <li>I can solve measuring problems</li> </ul>		<ul style="list-style-type: none"> <li>I can solve measuring problems</li> </ul>		<ul style="list-style-type: none"> <li>I can solve measuring problems</li> </ul>
<b>Geometry: Properties of shapes</b>						
LO1				<ul style="list-style-type: none"> <li>I can draw lines of symmetry on 2D shapes</li> </ul>		
LO2				<ul style="list-style-type: none"> <li>I can compare and sort common 2D shapes and everyday objects</li> </ul>		
LO3				<ul style="list-style-type: none"> <li>I can compare and sort common 3D shapes and everyday objects</li> </ul>		
LO4				<ul style="list-style-type: none"> <li>I can identify and describe the properties of 2D shapes</li> </ul>		
LO5				<ul style="list-style-type: none"> <li>I can identify and describe the properties of 3D shapes</li> </ul>		
LO6				<ul style="list-style-type: none"> <li>I can identify 2D shapes on the surface of 3D shapes</li> </ul>		
LO7				I can describe similarities and differences of shape properties		
<b>Geometry: Position, direction and motion</b>						
LO1				<ul style="list-style-type: none"> <li>I can describe position, direction and movement using straight lines and <math>1/2</math>, <math>1/4</math>, <math>3/4</math> turns</li> </ul>		
LO1A				I can use the words clockwise and anti-clockwise		
LO2				<ul style="list-style-type: none"> <li>I can show I understand direction and movement using grids</li> </ul>		
LO3				<ul style="list-style-type: none"> <li>I can show I understand compass directions and use grids to describe direction</li> </ul>		
LO4				<ul style="list-style-type: none"> <li>I can order and arrange objects into patterns</li> </ul>		
LO5				<ul style="list-style-type: none"> <li>I can find and describe a pattern</li> </ul>		
<b>Statistics</b>						
LO1		<ul style="list-style-type: none"> <li>I can sort objects giving a reason</li> </ul>				

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LO2	• I can ask and answer simple questions by counting, sorting and recording				
LO3	• I can collect and record data in a table				
LO4	• I can collect and record data using a tally chart				
LO5	• I can make a block diagram				
LO6	• I can collect and record data on a pictogram				
LO7	• I can ask and answer questions about totalling and comparing data:				
	black = 1st teach				
	blue = Revisit				
	red = 2nd Revisit				