

## Maths Long Term Plan Year 2

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Number and Place Value</b>	Count forwards and backwards to and from 100 Represent 2 digit numbers using visual representations Recognise the place value of each digit in a two-digit number (tens, ones) Partition 2 digit numbers into 10s and 1s Compare and order numbers to 100 – introduce < and >	Write numbers to 100 as numerals and words Identify and place 2 digit numbers on a number line Estimate numbers using different representations	Count forwards and backwards in steps of 2, 3 and 5		Estimate numbers on a number line	
<b>Addition and Subtraction</b>	Know number bonds to 10 and 20 Add 3 numbers using number bond knowledge Add and subtract 10 to and from a 2 digit number	Read, write and interpret mathematical symbols Know addition and subtraction bonds to 20 – fact families Know related facts Bonds to 100	Add and subtract multiples of 10 Add 2 digit and 1 digit crossing 10 Subtract a 1 digit number from a 2 digit number crossing 10 Missing number problems	Add and subtract a 2 digit and 1 digit number crossing 10 Add and subtract two 2 digit numbers crossing 10. Use inverse relationship to check calculations		Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems
<b>Multiplication and Division</b>	Understand multiplication as equal groups Understand multiplication as repeated addition To recognise the x symbol To know the commutative law for multiplication	Know the 2 times table and related division facts Know the 10 times tables To recognise the division symbol Odd and Even numbers	Divide by 10 – relate to X 10 Know the 5 times tables and related Division Fact			Solving multiplication and division problems in context
<b>Fractions</b>	Make equal parts Recognise and find a half and a quarter of a shape or number Recognise a third of a shape or number		Unit fractions Non-unit fractions Equivalence of $\frac{1}{2}$ and $\frac{2}{4}$ Finding $\frac{3}{4}$	Counting in fractions		
<b>Measurement</b>		Measure length (cm) Measure length (m) Compare and order lengths	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value Find different combinations of coins that	Tell the time a quarter to Tell the time a quarter past Duration of time Compare and ordering lengths of time	Use standard units to measure temperature and solve problems Reading scales  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

			<p>equal the same amounts of money</p> <p>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change</p>			<p>Use ml/l to measure volume/capacity</p> <p>Compare using symbols &lt; and &gt;</p> <p>Solve simple problems</p>
<b>Geometry</b>	<p><b>Position and Direction</b></p> <p>Use left and right, forwards and backwards to describe position and direction</p> <p>Use up, down, left, right, forwards and backwards to describe movement</p>		<p>Recognise 2D and 3D shapes</p> <p>Identify and describe the properties</p>	<p>Lines of symmetry</p> <p>Sort 2D shapes</p> <p>Count faces on 3D shapes</p> <p>Count edges on 3D shapes</p> <p>Count vertices on 3D shapes</p> <p>Sort 3D shapes</p> <p>Make patterns with 3D shapes</p>		<p>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 anticlockwise).</p>
<b>Statistics</b>				<p>Make Tally charts</p> <p>Draw and interpret pictograms and block diagrams</p>		