

Maths Medium Term Plan Year 2

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number and place value <ul style="list-style-type: none"> ♣ 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 $<$, $>$ and $=$ signs ♣ read and write numbers to at least 100 in numerals and in words ♣ use place value and number facts to solve problems. Year 1: read and write numbers to at least 100 in numerals and words			Number: Addition and Subtraction <ul style="list-style-type: none"> ♣ 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: <ul style="list-style-type: none"> • a two-digit number and ones • a two-digit number and tens • two two-digit numbers • adding three one-digit numbers ♣ show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot ♣ recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. 				Measurement and money <ul style="list-style-type: none"> ♣ 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 			Multiplication and division <ul style="list-style-type: none"> ♣ calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs ♣ show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot ♣ solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. ♣ recall and use multiplication and division facts for 2, 5, and 10 times tables, including recognising odd and even numbers 	

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Spring	<p>Multiplication and division</p> <ul style="list-style-type: none"> ♣ 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 ♣ show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot ♣ solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and 	<p>Number and Statistics</p> <ul style="list-style-type: none"> ♣ 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. 	<p>Geometry: Property of Shape</p> <ul style="list-style-type: none"> ♣ 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] ♣ compare and sort common 2-D and 3-D shapes and everyday objects 	<p>Number: Fractions</p> <ul style="list-style-type: none"> ♣ recognise, find, name and write fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{2}{4}$, 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 $\frac{1}{2}$. 	<p>Length and height</p> <ul style="list-style-type: none"> ♣ choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); using rulers, scales, ♣ compare and order lengths and record the results using $>$, $<$ and $=$ 	Consolidation
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	division facts, including problems in contexts.											
Summer	Geometry: position and direction ♣ 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 anticlockwise).		Problem solving efficient methods		Measurement: Time ♣ 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		Measurement: Mass. Capacity and temperature ♣ Choose and use appropriate standard units to estimate and measure (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using thermometers and measuring vessels ♣ compare and order, mass, volume/capacity and record the results using >, < and =			Investigations		