

Year 2 – Maths Yearly Overview



Strand		Term 1 (12 weeks)	Term 2 (12 weeks)	Term 3 (12 weeks)
Number	Number and place value 2 weeks	<ul style="list-style-type: none"> Count in steps of 2 from 0, and in tens from any number, forward and backward. Compare and order numbers from 0 up to 100. Read and write to at least 100 in numerals and in words. 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. Use place value and number facts to solve problems. 	<ul style="list-style-type: none"> Count in steps of 2 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). Incl. Partitioning in different ways e.g. 13+10. Read and write to at least 100 in numerals and in words. Use place value and number facts to solve problems. 	<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. Begin to recognise the place value of each digit in a three-digit number (hundreds, tens, ones). Begin to understand 0 as a place holder. Compare and order numbers from 0 up to 100; use <, > and = signs. Use place value and number facts to solve problems.
	Addition and subtraction 3 weeks	<ul style="list-style-type: none"> Solve problems with addition and subtraction: <ol style="list-style-type: none"> 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 facts to 20 fluently. Add and subtract numbers using concrete objects, pictorial representations and mentally, including; <ol style="list-style-type: none"> A two-digit number and ones. A two-digit number and tens. Show that addition of 2 numbers can be done in any order (commutative) and subtraction of one number from another cannot. 	<ul style="list-style-type: none"> Solve problems with addition and subtraction: <ol style="list-style-type: none"> 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. Add and subtract numbers using concrete objects, pictorial representations and mentally, including; <ol style="list-style-type: none"> A two-digit number and ones. A two-digit number and tens. Two two-digit numbers. Adding 3 one-digit numbers. Recognise and use the inverse relationship between addition and subtraction and use this to checks calculations and solve missing number problems. 	<ul style="list-style-type: none"> Solve problems with addition and subtraction: <ol style="list-style-type: none"> 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; <ol style="list-style-type: none"> Two two-digit numbers. Recognise and use the inverse relationship between addition and subtraction and use this to checks calculations and solve missing number problems.
	Multiplication and division 2 weeks	<ul style="list-style-type: none"> Recall and use multiplication and division facts for 2 and 10 multiplication tables, including recognising odd and even numbers. Calculate mathematical statements for multiplication with the multiplication tables and write them using the multiplication (x) and equals (=) signs. Solve problems involving multiplication, using materials, repeated addition, mental methods and multiplication facts, including problems in contexts. 	<ul style="list-style-type: none"> Recall and use multiplication and division facts for 2, 5 and 10 multiplication tables, including recognising odd and even numbers. Calculate mathematical statements for multiplication and division with the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs. Solve problems involving multiplication and division, using materials (grouping), arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts. 	<ul style="list-style-type: none"> Recall and use multiplication and division facts for 2, 5 and 10 multiplication tables, including recognising odd and even numbers. Calculate mathematical statements for multiplication and division with the multiplication tables and write them using the multiplication (x), division (÷) 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

				<p>division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.</p>
	Fractions 1 week	<ul style="list-style-type: none"> 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. (counting in steps of $\frac{1}{2}$ up to 10) 	<ul style="list-style-type: none"> 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. (counting in steps of $\frac{1}{2}$ and $\frac{1}{4}$ up to 10) 	<ul style="list-style-type: none"> 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 $\frac{1}{2}$.
Measure	Measurement 2 weeks & Topic	<ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g) to the nearest appropriate unit, using rulers and scales. Compare and order length and mass. Recognise and use the symbols for pounds (£) and pence (p); combine amounts to make a particular value. Find different combinations of coins that equal the same money. Tell and write the time to the quarter 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. 	<ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); capacity (litre/ml) to the nearest appropriate unit, using rulers and measuring vessels. Compare and order lengths and volume/capacity. Recognise and use the symbols for pounds (£) and pence (p); combine amounts to make a particular value. Solve simple problems in practical context involving addition and subtraction of money of the same unit, including giving change. 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. 	<ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}$C); capacity (litre/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 <, > and =. Recognise and use the symbols for pounds (£) and pence (p); combine amounts to make a particular value. Solve simple problems in 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.
Geometry	Properties of shapes 1 week	<ul style="list-style-type: none"> Identify and describe the properties of 2D shapes, including number of sides and line of symmetry in a vertical line. Identify and describe properties of 3D shapes, including number of edges, vertices and faces. Compare and sort common 2D and 3D shapes and everyday objects. (quadrilaterals, polygons; cuboids, prisms and cones) 		<ul style="list-style-type: none"> Identify and describe the properties of 2D shapes, including number of sides and line of symmetry in a vertical line. Identify and describe properties of 3D shapes, including number of edges, vertices and faces. Identify 2D shapes on the surface of 3D shapes . Compare and sort common 2D and 3D shapes and everyday objects. (quadrilaterals, polygons; cuboids, prisms and cones)
	Position and direction 1 week		<ul style="list-style-type: none"> 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).	
Statistics	1 week & Topic	<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. 	<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. 	<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.