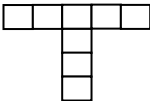



Year 2 Yearly Overview for maths.



	<u>Autumn</u>	<u>Spring</u>	<u>Summer</u>
Number / P. v.	<p>Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.</p> <p>Recognise the place value of each digit in a two-digit number (tens, ones.)</p> <p>Identify, represent and estimate numbers using different representations, including the number line.</p> <p>Compare and order numbers from 0 up to 100; <, > and = signs.</p> <p>Read and write numbers to at least 100 in numerals and words.</p>	<p>Use place value and number facts to solve problems.</p>	
+/-	<p>Solve problems with addition and subtraction:</p> <p>Using concrete objects and pictorial representations, including those involving numbers, quantities and measures</p> <p>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</p> <p>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including:</p> <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 	<p>Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot</p> <p>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</p> <p>What addition facts can you use to help you calculate these? 12 – 5, 19 – 8</p>	<p>Applying their increasing knowledge of mental and written methods</p> <p>Find the total number of people on a bus with 14 people on the top deck and 8 below, they might use: 14 + 8 = 14 + 6 + 2 = 20 + 2 = 22</p>
x/÷	<p>Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.</p> <p>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.</p> <p>There are 10 lollies in a bag. Charlie needs 30 lollies for his party. How many bags does he need to buy? Show how you worked this out</p>	<p>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs.</p> <p>Find missing numbers or symbols in a calculation: 4 × ___ = 20 ___ ÷ 10 = 3</p> <p>Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot</p>	
Fractions		<p>Recognise, find, name and write fractions 1/3, 1/2, 1/4, and 3/4, of a length, shape, set of objects or quantity</p> <p>Harry has a set of 22 pencils. How many is half the set?</p> <p>Shade one quarter of this shape.</p>  <p>Write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.</p>	<p>Recognise, find, name and write fractions 1/3, 1/2, 1/4, and 3/4, of a length, shape, set of objects or quantity</p> <p>Write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.</p>

Measure	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.	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 >, < and = Megan and Jack are growing beans. Megan's plant is 25 cm tall. Jack's is 38 cm tall. Whose plant is the taller? By how much? Can you compare them using > or < ?
Time	Compare and sequence intervals of time. Know the number of minutes in an hour and the number of hours in a day.	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	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
Money		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  Holly has these coins. Harry has the same amount of money but has six coins. What are they? Is there only one possible answer?	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change Jess has saved 62p. She spends 15p. How much money does she have left? She pays with a 50p piece. How much change does she get?
Geometry	Compare and sort common 2-D and 3-D shapes and everyday objects 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 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]
Statistics	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	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	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