



Year 2 Maths Overview

Autumn	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
<p>Time</p> <ul style="list-style-type: none"> • 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>Number: Place Value</p> <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 • Read and write numbers 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 • Partition numbers in different ways (e.g., $23 = 20 + 3$ and $23 = 10 + 13$) • Compare and order numbers from 0 up to 100; use and = signs • Find 1 or 10 more or less than a given number • Round numbers to at least 100 to the nearest 10 • Understand the connection between the 10-multiplication table and place value • Describe and extend simple sequences involving counting on or back in different steps • Use place value and number facts to solve problems 							<p>Number: Addition and Subtraction</p> <ul style="list-style-type: none"> • Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate mentally, use a jotting) • Select a mental strategy appropriate for the numbers involved in the calculation • Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot • Understand subtraction as take away and difference (how many more, how many less/fewer) • Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 • Recall and use number bonds for multiples of 5 totalling 60 (to support telling time to nearest 5 minutes) • Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - a two-digit number and 1s - a two-digit number and 10s - 2 two-digit numbers - adding 3 one-digit numbers • Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems • Solve problems with addition and subtraction including with missing numbers: - using concrete objects and pictorial representations, including those involving numbers, quantities, and measures - applying their increasing knowledge of mental and written methods • <i>Assessment - PUMA</i> 						

Spring	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Time <ul style="list-style-type: none"> • 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 	Number: Multiplication and Division <ul style="list-style-type: none"> • Understand multiplication as repeated addition • Understand division as sharing and grouping and that a division calculation can have a remainder • Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot • Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers • Derive and use doubles of simple two-digit numbers (numbers in which the ones total less than 10) • Derive and use halves of simple two-digit even numbers (numbers in which the tens are even) • Calculate mathematical statements for multiplication using repeated addition) and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs • Solve problems involving multiplication and division (including those with remainders), using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts 						Number: Fractions <ul style="list-style-type: none"> • Understand and use the terms numerator and denominator • Understand that a fraction can describe part of a set • Understand that the larger the denominator is, the more pieces it is split into and therefore the smaller each part will be • 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 $\frac{1}{2}$ Count on and back in steps of $\frac{1}{2}$ and $\frac{1}{4}$ • Count in fractions on the number line • Consolidation and Assessment - PUMA 					

Summer	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<p>Time</p> <ul style="list-style-type: none"> • 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>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</p> <ul style="list-style-type: none"> • Order/arrange combinations of mathematical objects in patterns/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 anti-clockwise) • 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 					<p>Measurement</p> <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 (°C); capacity and volume (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 = • 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 • Know the number of minutes in an hour and the number of hours in a day • Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change and measures (including time) <p>Problem Solving and Investigations</p> <ul style="list-style-type: none"> • Solving a range of problems using all four operations • Investigations – applying skills already covered in a range of contexts • Consolidation and Assessment - SATs 			