

Year 2

Aspect	Autumn	Spring	Summer
Number and Place Value	<ul style="list-style-type: none"> I count in steps of 2 and 5 from 0, and in tens from any number, forward and backward. I read and write numbers to at least 100 in numerals and in words. 	<ul style="list-style-type: none"> I compare and order numbers from 0 up to 100; use $<$ $>$ and $=$ signs. 	<ul style="list-style-type: none"> I recognise the place value of each digit in a 2-digit number. I count in steps of 3 from 0, and in tens from any number, forward and backward.
Addition and Subtraction	<ul style="list-style-type: none"> I recall and use addition and subtraction facts to 20 fluently and derive and use related facts up to 100. I add and subtract numbers mentally, including: 2-digit numbers and ones; 2-digit numbers and tens; two 2-digit numbers; adding three 1-digit numbers. 	<ul style="list-style-type: none"> I understand that addition of any two numbers can be done in any order (commutative) and subtraction of one number from another cannot. 	<ul style="list-style-type: none"> I recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems.
Multiplication and Division	<ul style="list-style-type: none"> I recall and use multiplication and division facts for the 2, 5 and 10 tables, including recognising odd and even numbers. 	<ul style="list-style-type: none"> I calculate the mathematical statements for multiplication and division within the multiplication tables and write them using the \times \div and $=$ signs. I understand that multiplication of two numbers can be one in any order (commutative) and division of one number by another cannot. 	<ul style="list-style-type: none"> I recognise that division is the inverse of multiplication and use to check calculations.
Fractions	<ul style="list-style-type: none"> I recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ of a length, shape, set of objects, or quantity. 	<ul style="list-style-type: none"> I write simple fractions and recognise the equivalence. 	

Year 2 (continued)

Aspect	Autumn	Spring	Summer
Measures	<ul style="list-style-type: none"> I compare and order lengths and mass, and record the results using $>$, $<$ and $=$. I recognise and use symbols for pounds (£) and pence (p); combine amounts to make particular values. I tell and write the time to quarter past/to the hour and draw the hands on a clock face to show these times. 	<ul style="list-style-type: none"> I compare and order volume/capacity and record the results using $>$, $<$ and $=$. I solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. I 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. I 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. 	<ul style="list-style-type: none"> I choose and use appropriate standard units to estimate and measure: temperature ($^{\circ}\text{C}$); capacity (l/ml) to the nearest appropriate unit, using thermometers and measuring vessels. I compare and sequence intervals of time. I find different combinations of coins that equal the same amounts of money. I solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
Geometry	<ul style="list-style-type: none"> I identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line. I identify and describe the properties of 3D shapes, including the number of edges, vertices and faces. 	<ul style="list-style-type: none"> I identify 2D shapes on the surface of 3D shapes. I order and arrange combinations of mathematical objects in patterns and sequences. 	<ul style="list-style-type: none"> I use mathematical vocabulary to describe position, direction and movement, including movement in a straight line distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise). I compare and sort common 2D and 3D shapes and everyday objects.
Statistics	<ul style="list-style-type: none"> I interpret and construct: pictograms; tally charts; block diagrams and simple tables. 	<ul style="list-style-type: none"> I ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. I ask and answer questions about totalling and compare categorical data. 	