

Term by Term Objectives

Stage Two

Stage Two Overview

	Term 1			Term 2		
Autumn	Number: Place Value	Number: Addition and Subtraction	Number: Data Handling	Number: Multiplication and Division	Measures: Length and Weight	
	Term 3			Term 4		
Spring	Number: Place Value	Number: Fractions	Geometry: Properties of Shapes	Number: Place Value	Measures: Time	
	Term 5			Term 6		
Summer	Number: Multiplication and Division	Measures: Volume and Temperature	Number: Place Value	Measures: Money	Geometry: Properties of Shape	

Term by Term Objectives

Stage Two

Stage Two Long Term Plan: Autumn

Term 1		Term 2		
<p>Number – place value 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 to 100 using different representations including the number line.</p> <p>Compare and order numbers from 0 up to 100; use $<$, $>$ 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>Number – addition and subtraction Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.</p> <p>Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.</p> <p>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens; two two digit numbers; adding three one digit numbers.</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>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</p>	<p>Graphs Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.</p> <p>Ask+ answer simple questions by counting the number of objects in each category and sorting the categories by quantity.</p> <p>Ask and answer questions about totalling and comparing categorical data</p>	<p>Multiplication and Division Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</p> <p>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) sign.</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>Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</p>	<p>Measurement: length and mass Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) and mass (kg/g) to the nearest appropriate unit, using rulers and scales.</p> <p>Compare and order length and mass and record the results using $>$, $<$ and $=$.</p>

Term by Term Objectives

Stage Two

Stage Two Long Term Plan: Spring

Term 3			Term 4		
<p>Number: Place Value Describe and extend simple sequences involving counting on or back in different steps.</p>	<p>Number – fractions 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.</p> <p>Write simple fractions for example, $\frac{1}{2}$ of 6 = 3</p> <p>Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.</p> <p>Derive and use doubles and halves of simple two-digit numbers. They understand halving as a way of 'undoing' doubling and vice versa.</p>	<p>Geometry- properties of shape Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.</p> <p>Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces.</p> <p>Identify 2D shapes on the surface of 3D shapes, [for example, a circle on a cylinder and a triangle on a pyramid.]</p> <p>Compare and sort common 2D and 3D shapes and everyday objects.</p> <p>Order and arrange combinations of mathematical objects in patterns and sequences.</p> <p>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)</p>	<p>Number: Place Value Round numbers to at least 100 to the nearest 10.</p>	<p>Measurement: 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> <p>Know the number of minutes in an hour and the number of hours in a day.</p> <p>Compare and sequence intervals of time.</p>	<p>Time at the beginning or end of the term for consolidation, gap filling, seasonal activities, assessment, etc.</p>

Term by Term Objectives

Stage Two

Stage Two Long Term Plan: Summer

Term 5			Term 6		
<p>Multiplication and Division Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</p> <p>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.</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>Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</p>	<p>Measurement: Capacity, volume and temperature Choose and use appropriate standard units to estimate and measure capacity (litres/ml) and temperature (°C) to the nearest appropriate unit, using thermometers and measuring vessels.</p> <p>Compare and order volume/capacity and record the results using >, < and =.</p>	<p>Number: Place Value Partition numbers in different ways.</p>	<p>Measurement: Money Recognise and use symbols of pounds (£) and pence (p); combine amounts to make a particular value.</p> <p>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.</p>	<p>Geometry- properties of shape Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.</p> <p>Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces.</p> <p>Identify 2D shapes on the surface of 3D shapes, [for example, a circle on a cylinder and a triangle on a pyramid.]</p> <p>Compare and sort common 2D and 3D shapes and everyday objects.</p> <p>Order and arrange combinations of mathematical objects in patterns and sequences.</p> <p>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)</p>	<p>Time at the beginning or end of the term for consolidation, gap filling, seasonal activities, assessment, etc.</p>