

Maths Summer A Planning

Week	Strand	Year 1 - Objectives
1	Place Value and Number	<ul style="list-style-type: none"> • Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems • Count in multiples of 2, 5 and 10
2	Addition and Subtraction	<ul style="list-style-type: none"> • Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equal (=) signs • Represent and use number bonds and related subtraction facts within 20 • Add and subtract one-digit and two-digit numbers to 20, including zero • Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = _ - 9$ •
3	Money and Problem Solving	<ul style="list-style-type: none"> • Recognise coins and notes • Use language 'more than', 'most' • Solve one-step problems • Use ordering vocabulary
4	Multiplication and Division	<ul style="list-style-type: none"> • Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. •
5	Shape and Measure	<ul style="list-style-type: none"> • Recognise and name common 2D and 3D shapes • Compare, describe and solve practical problems for: <ul style="list-style-type: none"> ○ lengths and heights ○ mass or weight ○ capacity and volume • Measure and begin to record the following <ul style="list-style-type: none"> ○ lengths and heights ○ mass or weight ○ capacity and volume •
6	Position, movement and time	<ul style="list-style-type: none"> • Describe position and movement, including half and quarter turns • Tell the time to the hour and half past and draw the hands on a clock face to show these times.

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Week	Strand	Year 2 - Objectives
1	Place Value and Number	<ul style="list-style-type: none"> Solve problems using multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts including problems in context Solve problems with addition and subtraction, using concrete objects and pictorial representations, involving numbers, quantities and measures, Applying their increasing knowledge of mental and written methods
2	Addition and Subtraction	<ul style="list-style-type: none"> 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: <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 Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot 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: <ul 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
3	Money and Problem Solving	<ul style="list-style-type: none"> Use symbols for pound and pence Add and subtract simple sums of less than a pound Compare/order numbers incl. $<$, $>$, $=$
4	Multiplication and Division	<ul style="list-style-type: none"> Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) 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 division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context
5	Shape and Measure	<ul style="list-style-type: none"> Identify and describe the properties of 2D shapes including the number of sides and symmetry in a vertical line Identify and describe the properties of 3D shapes including the 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 Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}$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 $=$
6	Position, movement and time	<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 in a straight line, rotational turns and right angle turns Tell and write the time to five minutes, including quarter past and to the hour and draw the hands on a clock face to tell the time Know the number of minutes in an hour and the number of hours in a day

