 **INSPIRE** our children to succeed

 **CREATE** excitement for learning

 **ACHIEVE EXCELLENCE**

Medium Term Maths Overviews

Autumn

Year R- Autumn (v3.0)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Getting to know children		Match, sort and compare Match pictures and objects Identify a set Sort objects to a type Explore sorting techniques Create sorting rules Compare amounts	Talk about measure and pattern Compare size Compare mass Compare capacity Explore simple patterns Copy and continue simple patterns Create simple patterns	It's me, 1, 2, 3 Find 1, 2 and 3 Subitise 1, 2 and 3 Represent 1, 2 and 3 1 more 1 less Composition of 1, 2 and 3		Circles and Triangles Identify and name circles and triangles Compare circles and triangles Shapes in the environment Describe position		1, 2, 3, 4, 5 Find 4 and 5 Subitise 4 and 5 Represent 4 and 5 1 more 1 less Composition of 4 and 5 Composition of 1–5		Shapes with four sides Identify and name shapes with 4 sides Combine shapes with 4 sides Shapes in the environment	

Year 1- Autumn (v3.0)

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><u>Number: Place Value within 10</u></p> <p>Count to ten, forwards and backwards, beginning with 0 or 1, or from any given number.</p> <p>Count, read and write numbers to 10 in numerals and words.</p> <p>Identify and represent numbers using objects and pictorial representations including the number line.</p> <p>Use the language of: equal to, more than, less than (fewer), most, least.</p> <p>Given a number, identify one more or one less.</p> <p>Count in multiples of twos.</p>					<p><u>Number: Addition and Subtraction within 10</u></p> <p>Represent and use number bonds and related subtraction facts (within 10)</p> <p>Add and subtract one digit numbers (to 10), including zero.</p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.</p> <p>Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems.</p>					<p><u>Geometry/ Shape</u></p> <p>Recognise and name common 2D and 3D shapes.</p>		<p><u>Consolidation</u></p>

Year 2- Autumn (v3.0)

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>Number/ place value</p> <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 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</p> <p>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.</p> <p>Applying their increasing knowledge of mental and written methods.</p>					<p>Geometry: Properties of Shape</p> <p>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>		

Year 3- Autumn (v3.0)

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>Number – place value</p> <p>Identify, represent and estimate numbers using different representations.</p> <p>Find 10 or 100 more or less than a given number; recognise the place value of each digit in a three digit number (hundreds, tens, ones).</p> <p>Compare and order numbers up to 1000</p> <p>Read and write numbers up to 1000 in numerals and in words.</p> <p>Solve number problems and practical problems involving these ideas.</p> <p>Count from 0 in multiples of 50 and 100</p>			<p>Number – addition and subtraction</p> <p>Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three digit number and hundreds.</p> <p>Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.</p> <p>Estimate the answer to a calculation and use inverse operations to check answers.</p> <p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p>					<p>Number – multiplication and division A</p> <p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.</p> <p>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs.</p> <p>Show that multiplication of two numbers can be done in any order (commutative) and division of one</p>			

Year 4- Autumn (v3.0)

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><u>Number – place value</u></p> <p>Count in multiples of 6, 7, 9. 25 and 1000.</p> <p>Find 1000 more or less than a given number.</p> <p>Count backwards through zero to include negative numbers.</p> <p>Recognise the place value of each digit in a four digit number (thousands, hundreds, tens and ones)</p> <p>Order and compare numbers beyond 1000.</p> <p>Identify, represent and estimate numbers using different representations.</p> <p>Round any number to the nearest 10, 100 or 1000.</p> <p>Solve number and practical problems that involve all of the above and with increasingly large positive numbers.</p> <p>Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.</p>				<p><u>Number- addition and subtraction</u></p> <p>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</p> <p>Estimate and use inverse operations to check answers to a calculation.</p> <p>Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use</p>			<p><u>Measurement- Area</u></p> <p>Find the area of rectilinear shapes by counting squares.</p>	<p><u>Number – multiplication and division A</u></p> <p>Recall and use multiplication and division facts for multiplication tables up to 12 x 12.</p> <p>Recognise and use factor pairs and commutativity in mental calculations.</p> <p>Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.</p>				<p><u>Consolidation</u></p>


Year 5- Autumn (v3.0)

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><u>Number – place value</u></p> <p>Read, write, order and compare numbers to at least 1000000 and determine the value of each digit.</p> <p>Count forwards or backwards in steps of powers of 10 for any given number up to 1000000.</p> <p>Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000</p> <p>Solve number problems and practical problems that involve all of the above.</p> <p>Read Roman numerals to 1000 (M) and recognise years written in Roman</p>			<p><u>Number- addition and subtraction</u></p> <p>Add and subtract numbers mentally with increasingly large numbers.</p> <p>Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</p> <p>Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.</p> <p>Solve addition and subtraction multi-step problems in contexts deciding which operations and methods to use and why.</p>			<p><u>Number – multiplication and division A</u></p> <p>Multiply and divide numbers mentally drawing upon known facts.</p> <p>Multiply and divide whole numbers by 10, 100 and 1000.</p> <p>Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.</p> <p>Recognise and use square numbers and cube numbers and the notation for squared (2) and cubed (3)</p>			<p><u>Number: Fractions A</u></p> <p>Compare and order fractions whose denominators are multiples of the same number.</p> <p>Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.</p> <p>Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number.</p> <p>Add and subtract fractions with the same denominator and denominators that are multiples of the same number.</p>					

Year 6- Autumn (v3.0)

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><u>Number: place value</u></p> <p>Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit.</p> <p>Round any whole number to a required degree of accuracy.</p> <p>Use negative numbers in context, and calculate intervals across zero.</p> <p>Solve number and practical problems that involve all of the above</p>		<p><u>Number- addition subtraction, multiplication and division</u></p> <p>Solve addition and subtraction multi step problems in contexts, deciding which operations and methods to use and why.</p> <p>Multiply multi-digit number up to 4 digits by a 2 digit number using the formal written method of long multiplication.</p> <p>Divide numbers up to 4 digits by a 2 digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions or by rounding as appropriate for the context.</p> <p>Divide numbers up to 4 digits by a 2 digit number using the formal written method of short division, interpreting remainders according to context.</p> <p>Perform mental calculations, including with mixed operations and large numbers.</p> <p>Identify common factors, common multiples and prime numbers.</p> <p>Use their knowledge of the order of operations to carry out calculations involving the four operations.</p> <p>Solve problems involving addition, subtraction, multiplication and division.</p>					<p><u>Fractions A</u></p> <p>Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.</p> <p>Compare and order fractions, including fractions > 1</p> <p>Generate and describe linear number sequences (with fractions)</p> <p>Add and subtract fractions with different denominations and mixed numbers, using the concept of equivalent fractions.</p>			<p><u>Fractions B</u></p> <p>Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$]</p> <p>Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction for example $\frac{3}{8}$</p> <p>Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.</p>		<p><u>Converting units</u></p> <p>Solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate • Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 decimal places</p>



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Medium Term Maths Overviews

Spring

Year 1- Spring (v3.0)

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><u>Place Value within 20</u></p> <p>Count to and across 20, forwards and backwards, beginning with zero or 1, or from any given number</p> <p>Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</p> <p>Count, read and write numbers to 20 in numerals; count in multiples of 2s, 5s and 10s</p> <p>Read and write numbers from 1 to 20 in numerals and words</p> <p>Given a number, identify 1 more and 1 less</p>			<p><u>Addition and subtraction within 20</u></p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs</p> <p>Add and subtract one digit and two digit numbers to 20, including zero.</p> <p>Represent and use number bonds and related subtraction facts within 20</p> <p>Add and subtract numbers using concrete objects, pictorial reps, and mentally, including: a two digit number and ones; a two digit number and tens; two two digit numbers; adding three digit numbers.</p> <p>Read, write and interpret mathematical statements involving addition, subtraction and equals signs. Solve one step problems that involve addition and sub, using concrete objects and pictorial representations and missing number problems.</p>			<p><u>Place Value within 50</u></p> <p>Count to and across 50, forwards and backwards, beginning with zero or 1, or from any given number</p> <p>Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</p> <p>Count, read and write numbers to 50 in numerals; count in multiples of 2s, 5s and 10s</p> <p>Read and write numbers from 1 to 50 in numerals and words</p> <p>Given a number, identify 1 more and 1 less</p>			<p><u>Length and height</u></p> <p>Compare, describe and solve practical problems for lengths and heights [for example, long/short, longer/shorter, tall/short, double/half</p> <p>Measure and begin to record lengths and heights</p>		<p><u>Mass and Volume</u></p> <p>Compare, describe and solve practical problems for mass and volume</p> <p>Measure and begin to record mass and volume</p>	

Year 2- Spring (v3.0)

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><u>Money</u></p> <p>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.</p> <p>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.</p>		<p><u>Multiplication and Division</u></p> <p>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs</p> <p>Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot</p> <p>Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</p>					<p><u>Length and Height</u></p> <p>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm to the nearest appropriate unit using rulers.</p> <p>Compare and order lengths, and record the results using $>$, $<$ and $=$</p> <p>Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures</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><u>Mass, capacity and temperature</u></p> <p>Choose and use appropriate standard units to estimate and measure mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using scales, thermometers and measuring vessels</p> <p>Compare and order temperature, capacity and mass, and record the results using $>$, $<$ and $=$</p> <p>Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures</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>				

Year 3- Spring (v3.0)

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><u>Multiplication and Division B</u></p> <p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.</p> <p>Solve problems including missing number problems involving multiplication and division, positive integer scaling problems and correspondence problems in which n objects are connected to m objectives.</p> <p>Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental methods and progressing to formal written methods.</p>			<p><u>Length and Perimeter</u></p> <p>Measure, compare, add and subtract: lengths (m/cm/mm);</p> <p>Measure the perimeter of simple 2-D shapes</p>			<p><u>Fractions A</u></p> <p>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.</p> <p>Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.</p> <p>Count up and down in tenths.</p> <p>Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10</p>			<p><u>Mass and Capacity</u></p> <p>Measure, compare, add and subtract: mass (kg/g); volume/capacity (l/ml)</p>		

Year 4- Spring (v3.0)

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><u>Multiplication and Division B</u></p> <p>Recognise and use factor pairs and commutativity in mental calculations</p> <p>Recall multiplication and division facts for multiplication tables up to 12×12</p> <p>Multiply and divide whole numbers and those involving decimals by 10 and 100</p> <p>Solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects</p> <p>Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout</p> <p>Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers</p>			<p><u>Length and Perimeter</u></p> <p>Convert between different units of measure [for example, kilometre to metre]</p> <p>Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</p>			<p><u>Fractions</u></p> <p>Recognise and show, using diagrams, families of common equivalent fractions.</p> <p>Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.</p> <p>Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.</p> <p>Add and subtract fractions with the same denominator</p>			<p><u>Decimals A</u></p> <p>Recognise and write decimal equivalents of any number of tenths or hundredths.</p> <p>Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths.</p>					


Year 5- Spring (v3.0)

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><u>Multiplication and Division B</u></p> <p>Multiply numbers up to four digits by a 1- or 2-digit number using a formal written method, including long multiplication for 2-digit numbers</p> <p>Divide up to four digits by a 1-digit number using the formal written method of short division and interpret remainders appropriately for the context</p> <p>Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes</p>			<p><u>Fractions B</u></p> <p>Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.</p> <p>Read and write decimal numbers as fractions.</p> <p>Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.</p>		<p><u>Decimals and Percentages</u></p> <p>Read, write, order and compare numbers with up to three decimal places.</p> <p>Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.</p> <p>Round decimals with two decimal places to the nearest whole number and to one decimal place.</p> <p>Solve problems involving number up to three decimal places.</p> <p>Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000. Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.</p> <p>Recognise the percent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal.</p> <p>Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$ and those fractions with a denominator of a multiple of 10 or 25</p>			<p><u>Perimeter and Area</u></p> <p>Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</p> <p>Calculate and compare the area of rectangles (including squares), including using standard units, square centimetres (cm²) and square metres (m²), and estimate the area of irregular shapes</p>		<p><u>Statistics</u></p> <p>Solve comparison, sum and difference problems using information presented in a line graph</p> <p>Complete, read and interpret information in tables, including timetables</p>	

Year 6- Spring (v3.0)

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><u>Ratio</u></p> <p>Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</p> <p>Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples</p> <p>Solve problems involving similar shapes where the scale factor is known or can be found</p>		<p><u>Algebra</u></p> <p>Use simple formulae</p> <p>Generate and describe linear number sequences</p> <p>Find pairs of numbers that satisfy an equation with two unknowns</p> <p>Enumerate possibilities of combinations of two variables</p> <p>Express missing number problems algebraically</p>		<p><u>Decimals</u></p> <p>Identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places</p> <p>Solve problems which require answers to be rounded to specified degrees of accuracy</p> <p>Solve problems which require answers to be rounded to specified degrees of accuracy</p> <p>Solve problems which require answers to be rounded to specified degrees of accuracy</p> <p>Multiply 1-digit numbers with up to 2 decimal places by whole numbers</p> <p>Use written division methods in cases where the answer has up to 2 decimal places</p>		<p><u>Fractions, decimals and percentages</u></p> <p>Use common factors to simplify fractions; use common multiples to express fractions in the same denomination</p> <p>Associate a fraction with division and calculate decimal fraction equivalents for a simple fraction</p> <p>Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts</p> <p>Compare and order fractions, including fractions >1</p> <p>Solve problems involving the calculation of percentages and the use of percentages for comparison</p>		<p><u>Area, perimeter and volume</u></p> <p>Recognise that shapes with the same areas can have different perimeters and vice versa</p> <p>Recognise when it is possible to use formulae for area and volume of shapes</p> <p>Calculate the area of parallelograms and triangles</p> <p>Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), and extending to other units</p>		<p><u>Statistics</u></p> <p>Interpret and construct pie charts and line graphs and use these to solve problems</p> <p>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs (Year 4)</p> <p>Calculate and interpret the mean as an average</p>	



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Medium Term Maths Overviews

Summer

Year 1- Summer (v3.0)

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><u>Multiplication and division</u></p> <p>To double numbers and quantities through grouping.</p> <p>To halve numbers and quantities through sharing.</p> <p>Make connections between arrays, number patterns, and counting in twos, fives and tens.</p> <p>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.</p>			<p><u>Fractions</u></p> <p>Recognise, find and name a half as one of two equal parts of an object, shape or quantity.</p> <p>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</p>			<p><u>Position and direction</u></p> <p>Describe position, direction and movement, including whole, half, quarter and three-quarter turns.</p>		<p><u>Place value within 100</u></p> <p>Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.</p> <p>Count, read and write numbers from 1-100 in numerals and words.</p> <p>Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than, most, least.</p> <p>Given a number, identify one more and one</p>		<p><u>Money</u></p> <p>Recognise and know the value of different denominations of coins and notes.</p> <p>Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems.</p>		<p><u>Time</u></p> <p>Compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later]</p> <p>Measure and begin to record time (hours, minutes, seconds)</p> <p>Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]</p> <p>Recognise and use language relating to dates, including days of the week, weeks, months and years</p> <p>Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.</p>		<p><u>Consolidation</u></p>

Year 2- Summer (v3.0)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<u>Fractions</u> Recognise, find, name and write fractions $\frac{3}{4}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity Write simple fractions for example, $\frac{2}{3}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{2}{2}$.			<u>Time</u> 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. Know the number of minutes in an hour & the number of hours in a day. Compare and sequence intervals of time.			<u>Statistics</u> 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.		<u>Position and direction</u> Order and arrange combinations of mathematical objects in patterns and 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 anticlockwise).		<u>Consolidation</u>	

Year 3- Summer (v3.0)

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><u>Fractions B</u></p> <p>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</p> <p>Recognise and show, using diagrams, equivalent fractions with small denominators</p> <p>Add and subtract fractions with the same denominator within one whole [for example, $5/7 + 1/7 = 6/7$]</p> <p>Compare and order unit fractions, and fractions with the same denominators</p> <p>Solve problems that involve all of the above</p>		<p><u>Money</u></p> <p>Add and subtract amounts of money to give change, using both £ and p in practical contexts</p>		<p><u>Time</u></p> <p>Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</p> <p>Estimate and read time with increasing accuracy to the nearest minute</p> <p>Record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight</p> <p>Know the number of seconds in a minute and the number of days in each month, year and leap year</p> <p>Compare durations of events [for example, to calculate the time taken by particular events or tasks]</p>			<p><u>Shape</u></p> <p>Draw 2-D shapes and make 3-D shapes using modelling materials</p> <p>Recognise 3-D shapes in different orientations and describe them</p> <p>Recognise angles as a property of shape or a description of a turn</p> <p>Identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn</p> <p>Identify whether angles are greater than or less than a right angle</p> <p>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines</p>		<p><u>Statistics</u></p> <p>Interpret and present data using bar charts, pictograms and tables</p> <p>Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.</p>		<p><u>Consolidation</u></p>

Year 4- Summer (v3.0)

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><u>Decimals B</u></p> <p>Round decimals with one decimal place to the nearest whole number</p> <p>Compare numbers with the same number of decimal places up to two decimal places</p> <p>Solve simple measure and money problems involving fractions and decimals to two decimal places.</p>		<p><u>Money</u></p> <p>Estimate, compare and calculate different measures, including money in pounds and pence</p>		<p><u>Time</u></p> <p>Read, write and convert time between analogue and digital 12- and 24-hour clocks</p> <p>Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.</p>		<p><u>Consolidation</u></p>	<p><u>Shape</u></p> <p>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes</p> <p>Identify acute and obtuse angles and compare and order angles up to two right angles by size</p> <p>Identify lines of symmetry in 2-D shapes presented in different orientations</p> <p>Complete a simple symmetric figure with respect to a specific line of symmetry.</p>		<p><u>Statistics</u></p> <p>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</p> <p>Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.</p>	<p><u>Position and direction</u></p> <p>Describe positions on a 2D grid as coordinates in the first quadrant.</p> <p>Describe movements between positions as translations of a given unit to the left/ right and up/ down.</p> <p>Plot specified points and draw sides to complete a given polygon.</p>	

Year 5- Summer (v3.0)

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><u>Shape</u></p> <p>Identify 3D shapes, including cubes and other cuboids, from 2D representations.</p> <p>Use the properties of rectangles to deduce related facts and find missing lengths and angles.</p> <p>Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.</p>			<p><u>Position and direction</u></p> <p>Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.</p>		<p><u>Decimals</u></p> <p>Read and write decimal numbers as fractions [for example, $0.71 = \frac{71}{100}$]</p> <p>Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</p> <p>Round decimals with two decimal places to the nearest whole number and to one decimal place</p> <p>Read, write, order and compare numbers with up to three decimal places</p> <p>Solve problems involving number up to three decimal places</p> <p>Recognise the percent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal</p> <p>Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25.</p>			<p><u>Negative numbers</u></p> <p>Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero</p> <p>Solve problems involving negative numbers.</p>		<p><u>Converting units</u></p> <p>Convert between different units of metric measure (for example, km and m; cm and m; cm and mm; g and kg; l and ml).</p> <p>Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.</p> <p>Solve problems involving converting between units of time</p>		<p><u>Volume</u></p> <p>Estimate volume (for example using 1cm^3 blocks to build cuboids (including cubes) and capacity (for example, using water)).</p> <p>Use all four operations to solve problems involving measure.</p>

Year 6- Summer (v3.0)

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><u>Shape</u></p> <p>Draw 2-D shapes using given dimensions and angles</p> <p>Recognise, describe and build simple 3-D shapes, including making nets</p> <p>Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons</p> <p>Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius</p> <p>Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.</p>			<p><u>Position and direction</u></p> <p>Describe positions on the full coordinate grid (all four quadrants)</p> <p>Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.</p>	<p><u>Themed projects, consolidation and problem solving</u></p>								