



# Mathematics Curriculum Map: Reception

## Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	
<b>Autumn</b>	<b>Early mathematical experiences</b>				<b>Pattern and early number</b>		<b>Numbers within 6</b>		<b>Addition and subtraction within 6</b>		<b>Measures</b>	<b>Shape and sorting</b>
	<ul style="list-style-type: none"> <li>•Classifying objects based on one attribute</li> <li>•Matching equal and unequal sets</li> <li>•Comparing objects and sets</li> <li>•Ordering objects and sets</li> </ul>				<ul style="list-style-type: none"> <li>•Recognise, describe, copy and extend colour and size patterns</li> <li>•Count and represent the numbers 1 to 3</li> <li>•Estimate and check by counting</li> </ul>		<ul style="list-style-type: none"> <li>•Count up to six objects.</li> <li>•One more or one fewer</li> <li>•Order numbers 1 – 6</li> <li>•Conservation of numbers within six</li> </ul>		<ul style="list-style-type: none"> <li>•Explore zero</li> <li>•Explore addition and subtraction</li> </ul>		<ul style="list-style-type: none"> <li>•Estimate, order compare, discuss and explore capacity, weight and lengths</li> </ul>	<ul style="list-style-type: none"> <li>•Describe, and sort 3-D shapes</li> <li>•Describe position accurately</li> </ul>

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 8	Week 9
<b>Spring</b>	<b>Numbers within 10</b>		<b>Calendar and time</b>	<b>Addition and subtraction within 10</b>	<b>Grouping and sharing</b>		<b>Number patterns within 15</b>		<b>Doubling and halving</b>	<b>Shape and pattern</b>
	<ul style="list-style-type: none"> <li>•Count up to ten objects</li> <li>•Represent, order and explore numbers to ten</li> <li>•One more or fewer, one greater or less</li> </ul>		<ul style="list-style-type: none"> <li>•Days of the week, seasons</li> <li>•Sequence daily events</li> </ul>	<ul style="list-style-type: none"> <li>•Explore addition as counting on and subtraction as taking away</li> </ul>	<ul style="list-style-type: none"> <li>•Counting and sharing in equal groups</li> <li>•Grouping into fives and tens</li> <li>•Relationship between grouping and sharing</li> </ul>		<ul style="list-style-type: none"> <li>•Count up to 15 objects and recognise different representations</li> <li>•Order and explore number patterns to 15</li> <li>•One more or fewer</li> </ul>		<ul style="list-style-type: none"> <li>•Doubling and halving</li> <li>•Relationship between doubling and halving</li> </ul>	<ul style="list-style-type: none"> <li>•Describe and sort 2-D and 3-D shapes</li> <li>•Recognise, complete and create patterns</li> </ul>

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
<b>Summer</b>	<b>Securing addition and subtraction facts</b>		<b>Number patterns within 20</b>		<b>Number patterns beyond 20</b>	<b>Money</b>	<b>Measures</b>		<b>Exploration of patterns within number</b>	
	<ul style="list-style-type: none"> <li>•Commutativity</li> <li>•Explore addition and subtraction</li> <li>•Compare two amounts</li> </ul>		<ul style="list-style-type: none"> <li>•Count up to 10 and beyond with objects</li> <li>•Represent, compare and explore numbers to 20</li> <li>•One more or fewer</li> </ul>		<ul style="list-style-type: none"> <li>•One more one less</li> <li>•Estimate and count</li> <li>•Grouping and sharing</li> </ul>	<ul style="list-style-type: none"> <li>•Coin recognition and values</li> <li>•Combinations to total 20p</li> <li>•Change from 10p</li> </ul>	<ul style="list-style-type: none"> <li>•Describe capacities</li> <li>•Compare volumes</li> <li>•Compare weights</li> <li>•Estimate, compare and order lengths</li> </ul>		<ul style="list-style-type: none"> <li>•Explore numbers and strategies</li> <li>•Recognise and extend patterns</li> <li>•Apply number, shape and measures knowledge</li> <li>•Count forwards and backwards</li> </ul>	



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# Mathematics Curriculum Map: Year 1

## Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
<b>Autumn</b>	<b>Numbers to 10</b>		<b>Addition and subtraction within 10</b>		<b>Shape and patterns</b>		<b>Numbers to 20</b>		<b>Addition and subtraction within 20</b>	
	<ul style="list-style-type: none"> <li>• Represent, compare and explore numbers within 10</li> <li>• One more and one less</li> <li>• Doubling and halving</li> </ul>		<ul style="list-style-type: none"> <li>• Represent and explain addition and subtraction</li> <li>• Commutativity</li> <li>• Addition and subtraction facts</li> </ul>		<ul style="list-style-type: none"> <li>• Identify, describe, sort and classify 2-D and 3-D shapes</li> <li>• Investigate repeating patterns</li> <li>• Use and follow instructional and positional language</li> </ul>		<ul style="list-style-type: none"> <li>• Identify, represent, compare and order numbers to 20</li> <li>• Doubling and halving</li> <li>• One more and one less</li> </ul>		<ul style="list-style-type: none"> <li>• Represent and explain addition and subtraction strategies including 'Make Ten'</li> <li>• Use known facts to add and subtract</li> </ul>	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	
<b>Spring</b>	<b>Time</b>		<b>Exploring calculation strategies within 20</b>		<b>Numbers to 50</b>		<b>Addition and subtraction within 20</b>		<b>Fractions</b>		<b>Measures: Length and mass</b>
	<ul style="list-style-type: none"> <li>• Read, write and tell the time to o'clock and half past on analogue clock</li> <li>• Sequencing daily activities</li> <li>• Whole and half turns linked to time</li> </ul>		<ul style="list-style-type: none"> <li>• Model, explain and choose addition and subtraction strategies</li> </ul>		<ul style="list-style-type: none"> <li>• 2-digit numbers – represent, sequence, explore, compare.</li> <li>• Count in 2s, 5s and 10s</li> <li>• Describe and complete number patterns</li> </ul>		<ul style="list-style-type: none"> <li>• Illustrate, explain and link addition and subtraction with equations</li> <li>• Apply 'Make Ten' strategy</li> <li>• Use language to quantify and compare difference</li> </ul>		<ul style="list-style-type: none"> <li>• Identify <math>\frac{1}{2}</math> and <math>\frac{1}{4}</math> of a shape or object</li> <li>• Find <math>\frac{1}{2}</math> and <math>\frac{1}{4}</math> of a quantity</li> </ul>		<ul style="list-style-type: none"> <li>• Compare and measure lengths and mass using cm and kg</li> <li>• Doubling and halving</li> </ul>

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
<b>Summer</b>	<b>Numbers 50 to 100 and beyond</b>		<b>Addition and subtraction</b>		<b>Money</b>		<b>Multiplication and division</b>			<b>Measures: Capacity and volume</b>	
	<ul style="list-style-type: none"> <li>• Read, write, represent, compare and order numbers to 100</li> <li>• One more / fewer, ten more / fewer</li> <li>• Identify number patterns</li> </ul>		<ul style="list-style-type: none"> <li>• Explore addition and subtraction involving 2-digit numbers and ones</li> <li>• Represent and explain addition and subtraction with regrouping</li> <li>• Investigate number bonds within 20</li> </ul>		<ul style="list-style-type: none"> <li>• Name coins and notes and understand their value</li> <li>• Represent the same value using different coins</li> <li>• Find change</li> </ul>		<ul style="list-style-type: none"> <li>• Explore arrays</li> <li>• Share equally into groups</li> <li>• Doubling</li> <li>• Link halving to fractions</li> </ul>			<ul style="list-style-type: none"> <li>• Compare capacities, volumes and lengths</li> <li>• Explore litres</li> <li>• Apply understanding of fractions to capacity</li> </ul>	



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# Mathematics Curriculum Map: Year 2

## Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<b>Autumn</b>	<b>Numbers within 100</b>		<b>Addition and subtraction of 2-digit numbers</b>		<b>Addition and subtraction word problems</b>		<b>Measures: Length</b>		<b>Graphs</b>	<b>Multiplication and division</b>		
	<ul style="list-style-type: none"> <li>• Read, write, represent, partition, compare and order numbers to 100</li> <li>• Explore patterns including, odds and evens, tens and ones</li> </ul>	<ul style="list-style-type: none"> <li>• Apply number bonds to add and subtract</li> <li>• Represent and explain addition and subtraction of two 2-digit numbers.</li> <li>• Add three 1-digit numbers</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to bar models as a representation</li> <li>• Create, label and sketch bar models</li> </ul>	<ul style="list-style-type: none"> <li>• Draw and measure lengths in centimetres</li> <li>• Use &lt;, &gt; and = to compare and order lengths in metres and centimetres</li> </ul>	<ul style="list-style-type: none"> <li>• Represent and interpret: pictograms, block diagrams, tables and tally charts.</li> </ul>	<ul style="list-style-type: none"> <li>• Explore multiplication and division through arrays</li> <li>• Explore division as grouping and as sharing</li> <li>• Connect multiplication and division facts using commutativity and inverse</li> <li>• Calculate the times tables of 2, 5, and 10 using different strategies</li> </ul>						

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
<b>Spring</b>	<b>Time</b>		<b>Fractions</b>		<b>Addition and subtraction of 2-digit numbers</b>		<b>Money</b>		<b>Face, shapes and patterns; lines and turns</b>		
	<ul style="list-style-type: none"> <li>• Tell the time on an analogue clock: quarter past, quarter to and five minute intervals</li> <li>• Calculate durations of time in minutes and seconds</li> <li>• Sequence daily events</li> <li>• Minutes in an hour and hours in a day</li> </ul>	<ul style="list-style-type: none"> <li>• Part-whole relationships</li> <li>• Fractions as part of a whole or a whole set</li> <li>• Relate to division</li> <li>• Equivalent fractions</li> </ul>	<ul style="list-style-type: none"> <li>• Illustrate, represent and explain addition and subtraction involving regrouping including 'Make Ten', 'Round and adjust' and near doubles strategies</li> </ul>	<ul style="list-style-type: none"> <li>• Recognise coins and notes</li> <li>• Use £ and p accurately</li> <li>• Add and subtract amounts</li> <li>• Calculate change</li> </ul>	<ul style="list-style-type: none"> <li>• Explore, sort and describe 2-D shapes</li> <li>• Lines of symmetry in 2-D shapes</li> <li>• Identify 2-D shapes on 3-D shapes</li> <li>• Compare and sort 2-D and 3-D shapes</li> <li>• Use language to describe position, direction and rotation to follow a route</li> </ul>						

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	
<b>Summer</b>	<b>Numbers within 1000</b>		<b>Measures: Capacity and volume</b>		<b>Measures: Mass</b>		<b>Exploring calculation strategies</b>		<b>Exploring multiplicative thinking</b>
	<ul style="list-style-type: none"> <li>• Represent in different ways</li> <li>• Compare using symbols</li> <li>• Read scales</li> </ul>	<ul style="list-style-type: none"> <li>• Read and measure temperature</li> <li>• Estimate, measure and understand litres and millilitres</li> <li>• Compare and order capacities</li> </ul>	<ul style="list-style-type: none"> <li>• Weigh and compare masses in kilograms and grams</li> </ul>	<ul style="list-style-type: none"> <li>• Apply addition and subtraction strategies to solve equations</li> <li>• Illustrate and explain addition and subtraction using column method</li> </ul>	<ul style="list-style-type: none"> <li>• Pattern seek with multiples of 2, 3, 4 5 and 10 using an array</li> <li>• Use known facts to derive facts from the 3 and 4 times tables.</li> <li>• Connect multiplication and division facts using commutativity and inverse</li> </ul>				



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# Mathematics Curriculum Map: Year 3

## Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
<b>Autumn</b>	<b>Number sense and exploring calculation strategies</b>			<b>Place value</b>		<b>Graphs</b>	<b>Addition and subtraction</b>			<b>Length and perimeter</b>	
	<ul style="list-style-type: none"> <li>• Read, write, order and compare numbers to 100</li> <li>• Calculate mentally using known facts, round and adjust, near doubles, adding on to find the difference</li> <li>• Derive new facts from a known fact</li> </ul>			<ul style="list-style-type: none"> <li>• Read, write, represent, partition, order and compare 3-digit numbers</li> <li>• Find 10 and 100 more or less</li> <li>• Round to the nearest multiple of 10 and 100</li> </ul>		<ul style="list-style-type: none"> <li>• Collect, interpret and present data using charts and tables</li> </ul>	<ul style="list-style-type: none"> <li>• Develop and use a range of mental calculation strategies</li> <li>• Illustrate and explain formal written methods – column method</li> </ul>			<ul style="list-style-type: none"> <li>• Measure, draw and compare lengths</li> <li>• Add and subtract lengths</li> <li>• Calculate perimeter</li> </ul>	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
<b>Spring</b>	<b>Multiplication and division</b>		<b>Calculating with multiplication and division</b>			<b>Time</b>		<b>Fractions</b>		
	<ul style="list-style-type: none"> <li>• Understanding multiplicative relationships: commutativity and inverse</li> <li>• Exploring multiplication and division facts for 2, 3, 4, 5, 6, 8 and 10</li> </ul>		<ul style="list-style-type: none"> <li>• Multiply and divide by 10</li> <li>• Multiply a 2-digit number by a 1-digit number</li> <li>• Divide 2-digit by a 1-digit</li> <li>• Correspondence problems</li> </ul>			<ul style="list-style-type: none"> <li>• Tell, record, write and order the time analogue and digital</li> <li>• 12-hour, a.m., p.m.</li> <li>• Measure, calculate and compare durations</li> </ul>		<ul style="list-style-type: none"> <li>• Part-whole relationships</li> <li>• Fractions as part of a whole or a whole set and as a number</li> <li>• Add, subtract, compare and order fractions</li> </ul>		

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
<b>Summer</b>	<b>Angles and shape</b>			<b>Measures</b>			<b>Applying multiplicative thinking</b>	<b>Exploring calculation strategies and place value</b>	
	<ul style="list-style-type: none"> <li>• Identify angles including right angles and recognise as a quarter of a turn</li> <li>• Identify and draw parallel and perpendicular lines</li> <li>• Draw/make, classify and compare 2-D and 3-D shapes</li> <li>• Measure the perimeter</li> </ul>			<ul style="list-style-type: none"> <li>• Read scales with different intervals when measuring mass and volume</li> <li>• Weigh and compare masses and capacities with mixed units</li> <li>• Estimate mass and capacity</li> </ul>			<ul style="list-style-type: none"> <li>• Representing multiplication and division problems</li> <li>• Solve a one-step problem</li> </ul>	<ul style="list-style-type: none"> <li>• Add and subtract mentally</li> <li>• Find 10, 100 and 1000 more or less</li> <li>• Order and compare beyond 1000</li> <li>• Round numbers</li> </ul>	



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# Mathematics Curriculum Map: Year 4

## Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
<b>Autumn</b>	<b>Reasoning with large numbers</b>		<b>Addition and subtraction</b>			<b>Multiplication and division</b>			<b>Discrete and continuous data</b>		
	<ul style="list-style-type: none"> <li>• 4-digit place value. Read, write, represent, order and compare</li> <li>• Find 10, 100 or 1000 more or less</li> <li>• Round numbers to the nearest 10, 100 or 1000</li> </ul>		<ul style="list-style-type: none"> <li>• Select appropriate strategies to add and subtract</li> <li>• Illustrate and explain appropriate addition and subtraction strategies including column method with regrouping</li> </ul>			<ul style="list-style-type: none"> <li>• Identify and explore patterns in multiplication tables including 7 and 9</li> <li>• Distributive property including multiplying three 1-digit numbers</li> <li>• Mental multiplication and division strategies using place value and known and derived facts</li> <li>• Short multiplication</li> </ul>			<ul style="list-style-type: none"> <li>• Read, interpret and construct pictograms, bar charts and time graphs</li> <li>• Compare tables, pictograms and bar charts</li> </ul>		

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
<b>Spring</b>	<b>Calculating with multiplication and division</b>		<b>Fractions</b>			<b>Time</b>		<b>Decimals</b>		<b>Area and perimeter</b>	
	<ul style="list-style-type: none"> <li>• Division using partitioning</li> <li>• Short division</li> </ul>		<ul style="list-style-type: none"> <li>• Explore different interpretations and representations of fractions</li> <li>• Equivalent fractions</li> <li>• Represent fractions greater than one as mixed number and improper fractions</li> <li>• Add and subtract fractions with the same denominator including fractions greater than one</li> </ul>			<ul style="list-style-type: none"> <li>• Analogue to digital, 12-hour and 24-hour</li> <li>• Convert between units of time</li> </ul>		<ul style="list-style-type: none"> <li>• Decimal equivalents to tenths, quarters and halves</li> <li>• Compare and order numbers with same number of decimal places</li> <li>• Multiply and divide by 10 and 100 including decimals</li> </ul>		<ul style="list-style-type: none"> <li>• Perimeter of rectangles and rectilinear shapes</li> <li>• Area of rectangles and rectilinear shapes</li> <li>• Investigate area and perimeter</li> </ul>	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
<b>Summer</b>	<b>Solving measures and money problems</b>			<b>Shape and symmetry</b>		<b>Position and direction</b>		<b>Reasoning with pattern and sequences</b>		<b>3-D shape</b>
	<ul style="list-style-type: none"> <li>• Convert units of measure</li> <li>• Select appropriate units to measure</li> <li>• Use strategies to investigate problems: trial and improvement, organising using lists and tables, working systematically</li> </ul>			<ul style="list-style-type: none"> <li>• Classify, compare and order angles</li> <li>• Compare and classify 2-D shapes</li> <li>• Identify lines of symmetry</li> </ul>		<ul style="list-style-type: none"> <li>• Describe and plot using coordinates</li> <li>• Describe translations</li> </ul>		<ul style="list-style-type: none"> <li>• Roman numerals up to 100</li> <li>• Place value of other number systems</li> <li>• Number sequences and patterns</li> </ul>		<ul style="list-style-type: none"> <li>• Use understanding of 3-D shapes</li> <li>• Identify 3-D shapes from 2-D representations</li> </ul>



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# Mathematics Curriculum Map: Year 5

## Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
<b>Autumn</b>	<b>Reasoning with large whole integers</b>		<b>Integer addition and subtraction</b>		<b>Line graphs and timetables</b>		<b>Multiplication and division</b>			<b>Perimeter and area</b>
	<ul style="list-style-type: none"> <li>• Read, write, order and compare numbers up to one million</li> <li>• Round numbers within one million to the nearest multiple of powers of ten</li> <li>• Read Roman numerals up to M</li> </ul>		<ul style="list-style-type: none"> <li>• Use rounding to estimate</li> <li>• Use a range of mental calculation strategies to add and subtract integers</li> <li>• Illustrate and explain the written method of column addition and subtraction</li> <li>• Select efficient calculation strategies</li> </ul>		<ul style="list-style-type: none"> <li>• Complete, read and interpret data presented in line graphs</li> <li>• Read and interpret timetables including calculating intervals</li> </ul>		<ul style="list-style-type: none"> <li>• Identify multiples and factors</li> <li>• Investigate prime numbers</li> <li>• Multiply and divide by 10, 100 and 1000 (integers)</li> <li>• Multiply and divide using derived facts</li> <li>• Use written methods to multiply and divide</li> <li>• Use a range of mental calculation strategies</li> </ul>			<ul style="list-style-type: none"> <li>• Investigate area and perimeter of rectilinear shapes</li> <li>• Estimate area of non-rectilinear shapes</li> </ul>
<b>Spring</b>	<b>Fractions and decimals</b>			<b>Angles</b>		<b>Fractions and percentages</b>			<b>Transformations</b>	
	<ul style="list-style-type: none"> <li>• Read, write, order and compare decimals</li> <li>• Round decimals to the nearest whole number</li> <li>• Represent, identify, name, write, order and compare fractions (including improper and mixed numbers)</li> <li>• Calculate fractions of amounts</li> </ul>			<ul style="list-style-type: none"> <li>• Classify, compare and order angles</li> <li>• Measure and draw angles with a protractor</li> <li>• Understand and use angle facts to calculate missing angles</li> </ul>		<ul style="list-style-type: none"> <li>• Add, subtract fractions with denominators that are multiples of the same number</li> <li>• Multiply fractions (and mixed numbers) by a whole number</li> <li>• Explore percentage, decimal, fractions equivalence</li> </ul>			<ul style="list-style-type: none"> <li>• Coordinates in all four quadrants</li> <li>• Translation and reflection</li> <li>• Calculate intervals across zero as a context for negative numbers</li> </ul>	
<b>Summer</b>	<b>Converting units of measure</b>		<b>Calculating with whole numbers and decimals</b>			<b>2-D and 3-D shape</b>		<b>Volume</b>	<b>Problem solving</b>	
	<ul style="list-style-type: none"> <li>• Convert between metric units of length, mass and capacity and units of time</li> <li>• Know and use approximate conversion between imperial and metric</li> </ul>		<ul style="list-style-type: none"> <li>• Mental strategies to add and subtract involving decimals</li> <li>• Formal written strategies to add, subtract and multiply involving decimals</li> <li>• Multiply and divide decimal numbers by ten, 100 and 1,000</li> <li>• Derive addition, subtraction and multiplication facts involving decimals</li> </ul>			<ul style="list-style-type: none"> <li>• Classify 2-D shapes and reason about regular and irregular polygons</li> <li>• Properties of diagonals of quadrilaterals</li> <li>• Classify 3-D shapes</li> <li>• 2-D representations of 3-D shapes.</li> </ul>		<ul style="list-style-type: none"> <li>• Use cube numbers and notation</li> <li>• Estimate volume</li> <li>• Convert units of volume</li> </ul>	<ul style="list-style-type: none"> <li>• Negative numbers and calculating intervals across zero</li> <li>• Calculating the mean</li> <li>• Interpret remainders</li> <li>• Investigate numbers: consecutive, palindromic, multiples</li> </ul>	



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# Mathematics Curriculum Map: Year 6

## Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<b>Autumn</b>	<b>Integers and decimals</b>		<b>Multiplication and division</b>			<b>Calculation problems</b>		<b>Fractions and decimals</b>			<b>Percentages (with fraction and decimal equivalence)</b>	<b>Revision and consolidation time</b>
	<ul style="list-style-type: none"> <li>• Represent, read, write, order and compare numbers up to ten million</li> <li>• Round numbers, make estimates and use this to solve problems in context</li> <li>Solve multi-step problems</li> </ul>		<ul style="list-style-type: none"> <li>• Identify and use properties of number, focusing on primes</li> <li>• Multiply larger integers and decimal numbers</li> <li>• Divide integers by 1-digit and 2-digit numbers representing remainders appropriately</li> </ul>			<ul style="list-style-type: none"> <li>• Use of brackets</li> <li>• Use knowledge of the order of operations to carry out calculations</li> <li>• Generate and describe linear number sequences</li> <li>• Express missing number problems algebraically</li> <li>• Solve equations with unknown values</li> </ul>		<ul style="list-style-type: none"> <li>• Deepen understanding of equivalence</li> <li>• Order, simplify and compare fractions, including those greater than one</li> <li>• Recall equivalence between common fractions and decimals</li> <li>• Find decimal quotients using short division</li> <li>• Add and subtract fractions</li> <li>• Represent multiplication involving fractions</li> <li>• Multiply two proper fractions</li> <li>• Divide a fraction by an integer</li> </ul>			<ul style="list-style-type: none"> <li>• Calculate and compare percentages of amounts</li> <li>• Connect percentages with fractions</li> <li>• Explore the equivalence</li> </ul>	
<b>Spring</b>	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	
	<b>Decimals and measures</b>			<b>Missing angles and length</b>		<b>Coordinates and shapes</b>		<b>Statistics</b>	<b>Proportion problems</b>		<b>Revision and consolidation time</b>	
<ul style="list-style-type: none"> <li>• Use, read, write and convert between standard units of measures; length, mass, time, money and volume as well as imperial units</li> <li>• Calculate the area of parallelograms and triangles</li> <li>• Calculate, estimate and compare the volume of cuboids</li> </ul>			<ul style="list-style-type: none"> <li>• Compare and classify a range of geometric shapes</li> <li>• Use angle facts to find unknown angles</li> </ul>		<ul style="list-style-type: none"> <li>• Draw a range of geometric shapes using given dimensions and angles</li> <li>• Describe, draw, translate and reflect shapes on a co-ordinate plane</li> <li>• Recognise and construct 3-D shapes</li> <li>• Name parts of a circle</li> </ul>		<ul style="list-style-type: none"> <li>• Calculate the mean</li> <li>• Construct and interpret lines graphs and pie charts</li> <li>• Compare pie charts</li> </ul>	<ul style="list-style-type: none"> <li>• Use fractions to express proportion</li> <li>• Identify ratio as a relationship between quantities and as a scale factor</li> <li>• Unequal sharing involving ratio</li> </ul>				
<b>Summer</b>	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
	<b>Revision and consolidation time</b>				<b>Post SATs units of work (coming 2025-26)</b>							



The Dimensions of Depth - Conceptual Understanding, Language and Communication and Mathematical Thinking - underpin all aspects of the curriculum; problem solving is at the heart and is embedded in all units.