

Year 4

	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>Number – Place Value</b>			<b>Number – Addition &amp; Subtraction</b>				<b>Number – Multiplication &amp; Division</b>				
<b>Spring</b>	<b>Number – Multiplication &amp; Division</b>				<b>Number - Fractions</b>			<b>Number – Decimals</b>			<b>Number – Addition &amp; Subtraction in Measurement &amp; Money</b>	
<b>Summer</b>	<b>Measurement</b>				<b>Statistics</b>		<b>Geometry</b>					

## Year 4 Autumn

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><b><u>Number - Place Value</u></b></p> <p>Find 1000 more or less than a given number</p> <p>Order and compare numbers beyond 1000</p> <p>Identify, represent and estimate numbers using different representations</p> <p>Recognise the place value of each digit in a four-digit number (1000s, 100s, 10s, and 1s)</p> <p>Count backwards through 0 to include negative numbers</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 0 and place value</p>			<p><b><u>Number – Addition &amp; Subtraction</u></b></p> <p>Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</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><b><u>Number – Multiplication &amp; Division</u></b></p> <p>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></p> <p>Recognise and use factor pairs and commutativity in mental calculations</p> <p>Multiply two-digit and three-digit numbers by a one-digit number using formal written layout</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 3 numbers</p> <p>Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects</p> <p>Count in multiples of 6, 7, 9, 25 and 1000</p>			

## Year 4 Spring

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><b><u>Number – Multiplication &amp; Division</u></b></p> <p>Multiply three-digit numbers by a one-digit number using formal written layout</p> <p>Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects</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><b><u>Number – Fractions</u></b></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 100 and dividing tenths by 10</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>Solve simple measure and money problems involving fractions and decimals to 2 decimal places</p>			<p><b><u>Number – Decimals</u></b></p> <p>Compare numbers with the same number of decimal places up to 2 decimal places</p> <p>Solve simple measure and money problems involving fractions and decimals to 2 decimal places</p> <p>Recognise and write decimal equivalents of any number of tenths</p> <p>Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths</p> <p>Recognise and write decimal equivalents to <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math>, <math>\frac{3}{4}</math></p> <p>Round decimals with 1 decimal place to the nearest whole number</p>			<p><b><u>Number – Addition &amp; Subtraction in Measurement &amp; Money</u></b></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>Estimate, compare and calculate different measures, including money in pounds and pence</p> <p>Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</p>				

## Year 4 Summer

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><b><u>Measurement</u></b></p> <p>Convert between different units of measure</p> <p>Estimate, compare and calculate different measures, including money in pounds and pence</p> <p>Find the area of rectilinear shapes by counting squares</p> <p>Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</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><b><u>Statistics</u></b></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><b><u>Geometry</u></b></p> <p>Complete a simple symmetric figure with respect to a specific line of symmetry</p> <p>Identify lines of symmetry in 2-D shapes presented in different orientations</p> <p>Describe movements between positions as translations of a given unit to the left/right and up/down</p> <p>Describe positions on a 2-D grid as coordinates in the first quadrant</p> <p>Plot specified points and draw sides to complete a given polygon</p> <p>Identify acute and obtuse angles and compare and order angles up to 2 right angles by size</p> <p>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes</p>					