



Year 4 - Term by Term Objectives

	<i>Week 1</i>	<i>Week 2</i>	<i>Week 3</i>	<i>Week 4</i>	<i>Week 5</i>	<i>Week 6</i>	<i>Week 7</i>	<i>Week 8</i>	<i>Week 9</i>	<i>Week 10</i>	<i>Week 11</i>	<i>Week 12</i>
Autumn	Number : Place Value		Number : Addition & Subtraction				Number : Multiplication & Division				Measurement: Area	
Spring	Number: Fractions				Measurement : Time	Number: Decimals				Measurement: Money		Consolidation
Summer	Measurement : Perimeter & Area	Geometry : Angles	Geometry : Shape & symmetry		Geometry: Position & direction		Statistics		Measurement: Area & perimeter		Consolidation	

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 Count in multiples of 6, 7, 9, 25 and 1000. Find 1000 more or less than a given number. Count backwards through zero to include negative numbers. Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones). Order and compare numbers beyond 1000. Identify, represent and estimate numbers using different representations. Round any number to the nearest 10, 100 or 1000. Solve number and practical problems that involve all of the above and with increasingly large positive numbers. 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>Number – addition & subtraction Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate. Estimate and use inverse operations to check answers to a calculation. Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.</p>			<p>Number – multiplication & division _Recall multiplication and division facts for multiplication tables up to 12×12. 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. Recognise and use factor pairs and commutativity in mental calculations. Multiply two-digit and three-digit numbers by a one-digit number using formal written layout. Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.</p>			<p>Measurement - Area Find the area of rectilinear shapes by counting squares.</p>		

Term by Term Objectives

Year 4 – Spring Term

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</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>Time</u></p> <p>Convert between different units of measure e.g. hour to minute.</p> <p>Read, write and convert time between analogue and digital 12- and 24-hour clocks. Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.</p>	<p><u>Decimals</u></p> <p>Recognise and write decimal equivalents of any number of tenths or hundredths.</p> <p>Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$.</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>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><u>Measurement - money</u></p> <p>Solve simple measure and money problems involving fractions & decimals to two decimal places.</p> <p>Estimate, compare & calculate different measures, including money in pounds and pence.</p>		<p>Time at the end or the beginning of term for gap filling, consolidation through using and applying and for assessments and seasonal activities</p>	

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>Measures- perimeter & length</u> Convert between different units of measure e.g. km to m.</p> <p>Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m.</p>	<p><u>Geometry - Angles</u> Identify acute and obtuse angles & compare and order angles up to two right angles by size.</p>	<p><u>Geometry – Shape & symmetry</u> Compare and classify geometric shapes, including quadrilaterals & triangles, based on their property and size.</p> <p>Identify lines of symmetry in 2D shapes presented in different orientations.</p> <p>Complete a simple symmetric figure with respect to a specific line of symmetry.</p>		<p><u>Geometry – Position & Direction</u> 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>		<p><u>Statistics</u> Interpret & present discrete and continuous data using appropriate graphical methods, including bar charts & time graphs.</p> <p>Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.</p>		<p><u>Measurement – Area & perimeter</u> Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m.</p> <p>Convert between different units of measure e.g. km to m.</p> <p>Find the area of rectilinear shapes by counting squares.</p>		<p>Time at the end or the beginning of term for gap filling, consolidation through using and applying and for assessments and seasonal activities.</p>	