

# Year 3/4 – Yearly Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value				Number: Addition and Subtraction				Number: Multiplication and Division			Consolidation
Spring	Number: Multiplication and Division		Measurement: Length, Perimeter and Area		Number: Fractions				Year 3: Fractions Year 4: Decimals		Consolidation	
Summer	Measurement: Money		Statistics		Measurement: Time			Geometry – Properties of Shapes	Year 3: Mass and Capacity Year 4: Position and Direction		Consolidation	

# Year 3/4 – Autumn 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><b>Number- Place Value</b> Read and write numbers up to 1000 in numerals and in words.</p> <p>Identify, represent and estimate numbers using different representations.</p> <p>Find 10 or 100 more or less than a given number. <b>Find 1000 more or less than a given number.</b></p> <p>Recognise the place value of each digit in a 3 digit number. <b>Recognise the place value of each digit in a 4 digit number.</b></p> <p>Order and compare numbers to 1000. <b>Order and compare numbers beyond 1000.</b></p> <p>Count from 0 in multiples of 50 and 100 <b>Count in multiples of 25 and 1000</b></p> <p>Solve number problems and practical problems involving these ideas. <b>Solve number and practical problems that involve all of the above and with increasingly large positive numbers.</b></p> <p><b>Count backwards through zero to include negative numbers.</b></p> <p><b>Round any number to the nearest 10, 100 or 1000</b></p> <p><b>Round decimals with one decimal place to the nearest whole number.</b></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><b>Number – Addition and Subtraction</b> 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. <b>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</b></p> <p>Estimate the answer to a calculation and use inverse operations to check answers. <b>Estimate and use inverse operations to check answers to a calculation.</b></p> <p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. <b>Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.</b></p>				<p><b>Number – Multiplication and Division</b> Count from 0 in multiples of 4 and 8 <b>Count in multiples of 6, 7 and 9</b></p> <p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. <b>Recall and use multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</b></p> <p><u>Write and calculate mathematical statements for multiplication and division using the multiplication tables they know</u>, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</p> <p><b>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.</b></p> <p><u>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which <math>n</math> objects are connected to <math>m</math> objectives.</u> <b>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 <math>n</math> objects are connected to <math>m</math> objects.</b></p>				<p>Consolidation</p>			

# Year 3/4 – 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>Number – multiplication and division</u></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 and progressing to formal written methods.</p> <p><b>Multiply two digit and three digit numbers by a one digit number using formal written layout.</b></p> <p>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which <math>n</math> objects are connected to <math>m</math> objectives.</p> <p><b>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 <math>n</math> objects are connected to <math>m</math> objects.</b></p> <p>Recognise and use factor pairs and commutativity in mental calculations.</p>	<p><u>Measurement – Length, Perimeter and Area</u></p> <p>Measure, compare, add and subtract: lengths (m/cm/mm).</p> <p>Measure the perimeter of simple 2D shapes.</p> <p><b>Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</b></p> <p>Continue to measure using the appropriate tools and units, progressing to using a wider range of measures, including comparing and using mixed and simple equivalents of mixed units.</p> <p><b>Convert between different units of measure eg kilometre to metre.</b></p> <p><b>Find the area of rectilinear shapes by counting squares.</b></p>	<p><u>Fractions</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><b>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.</b></p> <p>Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10</p> <p><b>Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.</b></p> <p>Recognise and show, using diagrams, equivalent fractions with small denominators.</p> <p><b>Recognise and show, using diagrams, families of common equivalent fractions.</b></p> <p>Add and subtract fractions with the same denominator within one whole.</p> <p><b>Add and subtract fractions with the same denominator.</b></p>	<p><u>Number – fractions</u></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><b>Recognise and write decimal equivalents of any number of tenths or hundredths.</b></p> <p><b>Recognise and write decimal equivalents to</b>  <math>\frac{1}{4}, \frac{1}{2}, \frac{3}{4}</math></p> <p><b>Round decimals with one decimal place to the nearest whole number.</b></p> <p><b>Compare numbers with the same number of decimal places up to two decimal places.</b></p>	<h2>Consolidation</h2>							

# Year 3/4 – Summer 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>Measurement: Money</u> Add and subtract amounts of money to give change using both £ and p in practical contexts. <b>Estimate, compare and calculate different measures, including money in pounds and pence.</b></p> <p><b>Solve simple measure and money problems involving fractions and decimals to two decimal places.</b></p>	<p><u>Statistics</u> Interpret and present data using bar charts, pictograms and tables. <b>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</b></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. <b>Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.</b></p>	<p><u>Measurement: Time</u> Tell and write the time from an analogue clock, including using Roman numerals and 12-hour and 24-hour clocks. <b>Read, write &amp; convert time between analogue and digital 12 and 14 hour clocks.</b></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. <b>Convert between different units of measure eg hour to minute.</b></p> <p>Use vocabulary such as o’clock, a.m./p.m., 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. <b>Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days</b></p> <p>Compare durations of events (for example to calculate the time taken by particular events or tasks).</p>	<p><u>Geometry: Properties of Shapes</u> Recognise angles as a property of shape or a description of a turn.</p> <p>Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle. <b>Identify acute and obtuse angles and compare and order angles up to two right angles by size.</b></p> <p>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. <b>Identify lines of symmetry in 2D shapes presented in different orientations.</b></p> <p><b>Complete a simple symmetric figure with respect to a specific line of symmetry.</b></p> <p>Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them. <b>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.</b></p>	<p><u>Measurement: volume and capacity (Y3)</u> Measure, compare, add and subtract: mass (kg/g); volume/capacity (l/ml).</p> <p><u>Co-ordinates (Y4)</u> <b>Describe positions on a 2D grid as coordinates in the first quadrant.</b></p> <p><b>Describe movements between positions as translations of a given unit to the left/ right and up/ down.</b></p> <p><b>Plot specified points and draw sides to complete a given polygon.</b></p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Consolidation</b></p>						