



# Year 3

## Maths Overview

Term	Unit	Strand
Autumn Textbook A	Unit 1 (13 lessons)	<b>Place value within 1000:</b> <ul style="list-style-type: none"><li>• Represent and partition numbers to 100</li><li>• Number line to 100</li><li>• 100s</li><li>• Represent numbers to 1000</li><li>• Partition numbers to 1000</li><li>• Partition numbers to 1000 flexibly</li><li>• 100s, 10s and 1s</li><li>• Use a number line to 1000</li><li>• Estimate on a number line to 1000</li><li>• Find 1, 10 or 100 more or less</li><li>• Compare numbers to 1000</li><li>• Order numbers to 1000</li><li>• Count in 50s</li></ul>
	Unit 2 (10 lessons)	<b>Addition and subtraction (1)</b> <ul style="list-style-type: none"><li>• Use known number bonds</li><li>• Add/subtract 1s</li><li>• Add/subtract 10s</li><li>• Add/subtract 100s</li><li>• Spot the pattern</li><li>• Add 1s across 10</li><li>• Add 10s across 100</li><li>• Subtract 1s across 10</li><li>• Subtract 10s across 100</li><li>• Make connections</li></ul>
	Unit 3 (13 lessons)	<b>Addition and subtraction (2)</b> <ul style="list-style-type: none"><li>• Add two numbers</li><li>• Subtract two numbers</li><li>• Add two numbers (across 10)</li><li>• Add two numbers (across 100)</li><li>• Subtract two numbers (across 10)</li><li>• Subtract two numbers (across 100)</li><li>• Add a 3-digit and a 2-digit number</li><li>• Subtract a 2-digit number from a 3-digit number</li><li>• Complements to 100</li><li>• Estimate answers</li><li>• Inverse operations</li><li>• Problem solving (1)</li><li>• Problem solving (2)</li></ul>
	Unit 4 (5 lessons)	<b>Multiplication and division (1)</b> <ul style="list-style-type: none"><li>• Multiplication (equal groups)</li><li>• Use arrays</li><li>• Multiples of 2</li><li>• Multiples of 5 and 10</li><li>• Share and group</li></ul>



# Year 3

## Maths Overview

	<b>Unit 4 (13 lessons)</b>	<b>Multiplication and division (2)</b> <ul style="list-style-type: none"><li>• Multiply by 3</li><li>• Divide by 3</li><li>• The 3 times-table</li><li>• Multiply by 4</li><li>• Divide by 4</li><li>• The 4 times-table</li><li>• Multiply by 8</li><li>• Divide by 8</li><li>• The 8 times-table</li><li>• Problem solving- multiplication and division (1)</li><li>• Problem solving- multiplication and division (2)</li><li>• Understand divisibility (1)</li><li>• Understand divisibility (2)</li></ul>
--	----------------------------	--



# Year 3

## Maths Overview

Term	Unit	Strand
Spring Textbook B	<b>Unit 6 (13 lessons)</b>	<p style="text-align: center;"><b>Multiplication and division (3):</b></p> <ul style="list-style-type: none"> <li>• Multiples of 10</li> <li>• Related calculations</li> <li>• Reasoning about multiplication</li> <li>• Multiply a 2-digits number by a 1-digit number- no exchange</li> <li>• Multiply a 2-digits number by a 1-digit number- exchange</li> <li>• Expanded written method</li> <li>• Link multiplication and division</li> <li>• Divide 2-digits by 1-digit- no exchange</li> <li>• Divide 2-digits by 1-digit- flexible partitioning</li> <li>• Divide 2-digits by 1-digit with remainders</li> <li>• How many ways?</li> <li>• Problem solving- mixed problems (1)</li> <li>• Problem solving- mixed problems (2)</li> </ul>
	<b>Unit 7 (11 lessons)</b>	<p style="text-align: center;"><b>Length and perimeter:</b></p> <ul style="list-style-type: none"> <li>• Measure in m and cm</li> <li>• Measure in cm and mm</li> <li>• Metres, centimetres and millimetres</li> <li>• Equivalent lengths (m and cm)</li> <li>• Equivalent lengths (mm and cm)</li> <li>• Compare lengths</li> <li>• Add lengths</li> <li>• Subtract lengths</li> <li>• Measure perimeter</li> <li>• Calculate perimeter</li> <li>• Problem solving- length</li> </ul>
	<b>Unit 8 (10 lessons)</b>	<p style="text-align: center;"><b>Fractions (1)</b></p> <ul style="list-style-type: none"> <li>• Understand the denominator of unit fractions</li> <li>• Compare and order unit fractions</li> <li>• Understand the numerator of non-unit fractions</li> <li>• Understand the whole</li> <li>• Compare and order non-unit fractions</li> <li>• Divisions on a number line</li> <li>• Count in fractions on a number line</li> <li>• Equivalent fractions as bar models</li> <li>• Equivalent fractions on a number line</li> <li>• Equivalent fractions</li> </ul>
	<b>Unit 9 (7 lessons)</b>	<p style="text-align: center;"><b>Mass:</b></p> <ul style="list-style-type: none"> <li>• Use scales</li> <li>• Measure mass</li> <li>• Measure mass in kilograms and grams</li> <li>• Equivalent masses</li> <li>• Compare mass</li> <li>• Add and subtract mass</li> <li>• Problem solving- mass</li> </ul>
	<b>Unit 10 (6 lessons)</b>	<p style="text-align: center;"><b>Capacity:</b></p> <ul style="list-style-type: none"> <li>• Measure capacity and volume in litres and millilitres</li> <li>• Measure in litres and millilitres</li> <li>• Equivalent capacities and volumes (litres and millilitres)</li> <li>• Compare capacity and volume</li> <li>• Add and subtract capacity and volume</li> <li>• Problem solve with capacity</li> </ul>



# Year 3 Maths Overview

Term	Unit	Strand
Summer Textbook C	<b>Unit 11 (8 lessons)</b>	<p style="text-align: center;"><b>Fractions (2):</b></p> <ul style="list-style-type: none"> <li>• Add fractions</li> <li>• Subtract fractions</li> <li>• Partitioning the whole</li> <li>• Problem solving- adding and subtracting fractions</li> <li>• Unit fractions of a set of objects</li> <li>• Non-unit fractions of a set of objects</li> <li>• Reasoning with fractions of an amount</li> <li>• Problem solving- fractions of measures</li> </ul>
	<b>Unit 12 (5 lessons)</b>	<p style="text-align: center;"><b>Money:</b></p> <ul style="list-style-type: none"> <li>• Pounds and pence</li> <li>• Convert pounds and pence</li> <li>• Add money</li> <li>• Subtract money</li> <li>• Find change</li> </ul>
	<b>Unit 13 (12 lessons)</b>	<p style="text-align: center;"><b>Time:</b></p> <ul style="list-style-type: none"> <li>• Roman numerals to 12</li> <li>• Tell the time to 5 minutes</li> <li>• Tell the time to the minute</li> <li>• Convert past and to the hour</li> <li>• Using am and pm</li> <li>• Years, months and days</li> <li>• Days and hours</li> <li>• Hours and minutes- start and end times</li> <li>• Hours and minutes- durations</li> <li>• Hours and minutes- compare durations</li> <li>• Minutes and seconds</li> <li>• Solve problems with time</li> </ul>
	<b>Unit 14 (9 lessons)</b>	<p style="text-align: center;"><b>Angles and properties of shapes:</b></p> <ul style="list-style-type: none"> <li>• Turns and angles</li> <li>• Right angles in shapes</li> <li>• Compare angles</li> <li>• Measure and draw accurately</li> <li>• Horizontal and vertical</li> <li>• Parallel and perpendicular</li> <li>• Recognise and describe 2D shapes</li> <li>• Recognise and describe 3D shapes</li> <li>• Make 3D shapes</li> </ul>
	<b>Unit 15 (7 lessons)</b>	<p style="text-align: center;"><b>Statistics:</b></p> <ul style="list-style-type: none"> <li>• Interpret pictograms (1)</li> <li>• Interpret pictograms (2)</li> <li>• Draw pictograms</li> <li>• Interpret bar charts</li> <li>• Draw bar charts</li> <li>• Collect and represent data</li> <li>• Simple two-way table</li> </ul>