



Year 3 Teacher Edition



## Textbook 3a

Chapter	Topic
	<p><b>Note: Every lesson begins with a problem</b></p> <p><b>Fluency, problem solving and reasoning to be central to all lessons.</b></p>
1	<p><b>Numbers to 1000</b></p> <ul style="list-style-type: none"> <li>• Read, write and count to 1000 (<i>in numerals and words</i>)</li> <li>• Count in hundreds, tens and ones (<i>inc. finding 10 or 100 more or less</i>)</li> <li>• Count in fifties</li> <li>• Count in fours and eights</li> <li>• Tell the value of a digit in a number</li> <li>• Identify and represent using different representations</li> <li>• Estimate the answer to a calculation and use inverse to check</li> <li>• Compare and arrange (<i>order</i>) numbers within 1000</li> <li>• Complete number patterns</li> </ul>
2	<p><b>Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>• Add numbers without renaming (<i>3 digit no's and 1s, 10s &amp; 100s</i>)</li> <li>• Add numbers with renaming (<i>3 digit no's and 1s, 10s &amp; 100s</i>)</li> <li>• Subtract numbers without renaming (<i>3 digit no's and 1s, 10s &amp; 100s</i>)</li> <li>• Subtract numbers with renaming (<i>3 digit no's and 1s, 10s &amp; 100s</i>)</li> <li>• Add (<i>3 digit numbers and up to 3 digit numbers</i>) using formal column method where appropriate and show understanding with manipulatives</li> <li>• Subtract (<i>3 digit numbers by up to 3 digit numbers</i>) using formal column method where appropriate and show understanding using manipulatives</li> <li>• Estimate a calculation and use inverse to check</li> </ul>
3	<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>• To know my 3 times table</li> <li>• To know my 4 times table</li> <li>• To know my 8 times table</li> <li>• To divide a number by 3</li> <li>• To divide a number by 4</li> <li>• To divide a number by 8</li> <li>• Solve problems involving the 3, 4, &amp; 8 times tables</li> </ul> <p>Solve problems involving the division of 3, 4, and 8</p>
4	<p><b>Further Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>• To multiply a 2-digit number by a 1-digit number</li> <li>• Multiply without regrouping</li> <li>• Multiply with regrouping</li> <li>• Divide a 2-digit number by a 1-digit number</li> <li>• Divide without regrouping</li> </ul>

	<ul style="list-style-type: none"> <li>Divide with regrouping</li> </ul>
5	<p><b>Length</b></p> <ul style="list-style-type: none"> <li>Measure &amp; write length in metres (m) and centimetres (cm)</li> <li>Convert length from m and cm to cm</li> <li>Convert length from cm to m to cm</li> <li>Write length in kilometres (km) and meters (m)</li> <li>Convert length from km and m to m</li> <li>Convert length from m to km to m</li> <li>Compare different lengths</li> </ul>
6	<p><b>Mass</b></p> <ul style="list-style-type: none"> <li>Read the scales for mass in kg and g</li> <li>To convert kg to g and vice versa</li> </ul>
7	<p><b>Volume</b></p> <ul style="list-style-type: none"> <li>Measure volume in millilitres (ml) and litres (l)</li> <li>Measure capacity in millilitres (ml) and litres (l)</li> <li>Write volume in millilitres (ml) and litres (l)</li> </ul> <p>Write capacity in millilitres (ml) and litres (l)</p>
<b>Textbook 3b</b>	
8	<p><b>Money</b></p> <ul style="list-style-type: none"> <li>Name the amount of money in pounds and pence</li> <li>Use the different ways to show the same amount of money</li> <li>Add money in pounds and pence</li> <li>Subtract money in pounds and pence</li> </ul> <p>Calculate change in pounds and pence</p>
9	<p><b>Time</b></p> <ul style="list-style-type: none"> <li>Tell and write the time in a.m. and p.m.</li> <li>Tell and write the time using “past” and “to”</li> <li>To use vocabulary such as “noon” &amp; “midnight”</li> <li>Tell and write the time shown on different types of clocks <i>inc. 12 and 24 hours</i></li> <li>Measure time in seconds, hours and minutes</li> <li>Find starting time, ending time and duration</li> <li>Change minutes to seconds, and seconds to minutes</li> <li>Know the number of days in each month, year and leap year</li> </ul> <p>Find the number of days using a calendar</p>
10	<p><b>Picture Graphs and Bar Graphs</b></p> <ul style="list-style-type: none"> <li>Draw picture graphs and bar graphs</li> </ul> <p>Read and interpret bar graphs and picture graphs</p>
11	<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>Count in tenths (<i>up and down</i>)</li> <li>Make number pairs that form one whole</li> <li>Add and subtract two fractions</li> <li>Find, list and <i>show using diagrams</i> equivalent fractions</li> <li>Write a fraction in its simplest form</li> <li>Compare <i>and order</i> fractions</li> <li>Find part of a set and fraction of a number</li> <li>Share a number equally</li> </ul>

	Write fractions on the number line write fractions that are greater than 1
12	<p><b>Angles</b></p> <ul style="list-style-type: none"> <li>• Recognise an angle</li> <li>• Find angles in shapes</li> <li>• Find a right angle, an acute angle and an obtuse angle</li> <li>• Compare the size of angles</li> </ul> <p>Make a half turn, a three-quarters turn and a full turn (<i>linking to right angles</i>)</p>
13	<p><b>Lines and Shapes</b></p> <ul style="list-style-type: none"> <li>• Identify and name perpendicular and parallel lines</li> <li>• Find vertical and horizontal lines</li> <li>• Draw and describe two-dimensional shapes</li> </ul> <p>Make and describe three-dimensional shapes</p>
14	<p><b>Perimeter of figures</b></p> <ul style="list-style-type: none"> <li>• Measure the total length around a shape</li> <li>• Find the perimeter of figures using a square grid</li> <li>• Find the perimeter of figures in cm and m</li> </ul> <p>Find the perimeter of squares and rectangles</p>
<p><b>Notes:</b> Roman Numerals have been moved to year 4</p>	