

Year 3 - Maths Overview			
Term	Topic	Objectives	Mental Maths Objectives
Autumn	Number: Place Value. Week 1/2 and 6	Represent numbers to 100. Tens and ones using addition. Hundreds. Represent numbers to 1,000. 100s, 10s and 1s (1). 100s, 10s and 1s (2). Number line to 1,000. Find 1, 10, 100 more or less than a given number. Compare objects to 1,000. Compare numbers to 1,000. Order numbers. Count in 50s.	Use place value and number facts to add and subtract numbers. Subtract by counting up.
	Number: Addition and Subtraction Week 3/4 and 7/8 and 11	Add and subtract multiples of 100. Add and subtract 1s. Add and subtract 3-digit and 1-digit numbers – not crossing 10. Add a 2-digit and 1-digit number - crossing 10. Add 3-digit and 1-digit numbers – crossing 10. Subtract a 1-digit number from 2-digits - crossing 10. Subtract a 1-digit number from a 3-digit number – crossing 10. Add and subtract 3-digit and 2-digit numbers – not crossing 100. Add 3-digit and 2-digit numbers – crossing 100. Subtract a 2-digit number from a 3-digit number – crossing 100. Add and subtract 100s.	Learn to count in 3's and 4's and know the 3x and 4x table. Add and subtract any two-digit numbers by counting on in 10s and 1s or by using partitioning.

		<p>Spot the pattern – making it explicit.</p> <p>Add two 2-digit numbers - crossing 10 - add ones &amp; add tens.</p> <p>Subtract a 2-digit number from a 2-digit number - crossing 10.</p>	
	<p>Measurement: Money</p> <p>Week 5</p>	<p>Count money – pence.</p> <p>Count money – pounds.</p> <p>Pounds and pence.</p> <p>Convert pounds and pence.</p> <p>Add money.</p> <p>Subtract money.</p> <p>Give change.</p>	
	<p>Statistics</p> <p>Week 9/10</p>	<p>Make tally charts.</p> <p>Draw pictograms (2, 5 and 10).</p> <p>Interpret pictograms (2, 5 and 10).</p> <p>Pictograms.</p> <p>Bar charts.</p> <p>Tables.</p>	
	<p>Consolidation</p> <p>Week 12</p>		

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Term	Topic	Objectives	Mental Maths Objectives
Spring	Number: Multiplication and Division Week 1/2	Multiplication – equal groups. Multiplication using the symbol. Using arrays. 2 times-table. 5 times-table. Make equal groups - sharing. Make equal groups - grouping. Divide by 2. Divide by 5. Divide by 10. Multiply by 3. Divide by 3. The 3 times table.	Find 10 or 100 more/less than a given number. Count on in 50's from 0. Perform place value subtractions without a struggle (536-30=506). Know multiples of 10 with a total of 100. Know pairs with each total to 20. Know the number of days in a month. Subtract, when appropriate, by counting back or taking away, using place value and number facts. Learn to count in 9's and 8's and begin to learn 9x and 8x table. Tell the time to the nearest minute using 12- and 24-hour clocks. Add and subtract pairs of 'friendly' 3-digit numbers, e.g., 230 + 450.
	Geometry: Properties of Shape Week 3/4	Turns and angles. Right angles in shapes. Compare angles. Draw accurately. Horizontal and vertical. Parallel and perpendicular. Recognise and describe 2D shapes. Recognise and describe 3D shapes. Make 3D shapes.	

	<p>Number: Multiplication and Division Week 5/6 and 10/11</p>	<p>Consolidate 2-, 4- and 8-times tables. Comparing statements. Related calculations. Multiply 2-digits by 1-digit (1). Multiply 2-digits by 1-digit (2). Divide 2-digits by 1 –digit (1). Divide 2-digits by 1 –digit (2). Divide 2-digits by 1 –digit (3). Scaling.</p>	
	<p>Measurement: Length and Perimeter Week 7/8/9</p>	<p>Measure length. Measure length (m). Equivalent lengths - m &amp; cm. Equivalent lengths - mm &amp; cm. Compare lengths. Add lengths. Subtract lengths. Measure perimeter. Calculate perimeter.</p>	
	<p>Consolidation Week 12</p>		

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Term	Topic	Objectives	Mental Maths Objectives
Summer	Number: Fractions Week 1/2	<ul style="list-style-type: none"> <li>Make equal parts.</li> <li>Count fractions.</li> <li>Recognise half.</li> <li>Find a half.</li> <li>Recognise a quarter.</li> <li>Recognise a third.</li> <li>Find a third.</li> <li>Unit fractions.</li> <li>Non-unit fractions.</li> <li>Equivalence of <math>\frac{1}{2}</math> and <math>\frac{2}{4}</math>.</li> </ul>	<ul style="list-style-type: none"> <li>Recognise fractions that add to 1 (e.g., <math>\frac{1}{4} + \frac{3}{4}</math>).</li> <li>Halve even numbers up to 100, halve add numbers to 20.</li> <li>Double numbers up to 50.</li> <li>Partition teen numbers to multiply by a single digit number (3 x 14 as 3 x 10 and (3x4). Begin to learn to count in 6's, 7's and 8's.</li> <li>Begin to know the 6x, 7x and 8x tables.</li> </ul>
	Measurement: Time Week 3/4/5	<ul style="list-style-type: none"> <li>O'clock and half past.</li> <li>Quarter past and quarter to.</li> <li>Months and years.</li> <li>Hours in a day.</li> <li>Telling the time to 5 minutes.</li> <li>Telling the time to the minute.</li> <li>Using a.m. and p.m.</li> <li>24-hour clock.</li> <li>Finding the duration.</li> <li>Comparing durations.</li> <li>Start and end times.</li> <li>Measuring time in seconds.</li> </ul>	

	<p>Number: Fractions Week 6 and 10/11</p>	<p>Making the whole. Tenths. Count in tenths. Tenths as decimals. Fractions on a number line. Fractions of a set of objects (1). Fractions of a set of objects (2). Fractions of a set of objects (3). Equivalent fractions (1). Equivalent fractions (2). Equivalent fractions (3). Compare fractions. Order fractions. Add fractions. Subtract fractions.</p>	
	<p>Measurement: Mass and Capacity Week 7/8/9</p>	<p>Compare mass. Measure mass (1). Measure mass (2). Compare mass. Add and subtract mass. Compare volume. Measure capacity (1). Measure capacity (2). Compare capacity. Add and subtract capacity. Temperature.</p>	
	<p>Consolidation Week 12</p>		