

<b>Year 3 Key Objectives</b>		
<p><b>Number and Place Value</b></p> <ul style="list-style-type: none"> <li>- Count and use multiples of 2,3,4,5,8,10,50,100 from 0.</li> <li>- Find 10 or 100 more or less than any given number</li> <li>- Recognise the place value of each digit in a 3-digit number – hundreds, tens and ones</li> <li>- Use different representations to identify, represent and estimate numbers</li> <li>- Compare and order numbers up to 1000 using <math>&lt; &gt; =</math></li> <li>- Read and write numbers to 1000 in numerals and words</li> <li>- Solve problems using all above</li> <li>- Able to use partitioning to solve more complex problems</li> </ul>	<p><b>Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>- Add and subtract mentally (3-digit and ones, 3-digit and tens, 3-digit and hundreds)</li> <li>- Add and subtract numbers up to 3-digits using formal written column methods</li> <li>- Use estimations and inverse to check answers</li> <li>- Solve problems using number facts, place value and complex addition and subtraction including missing number</li> </ul>	
<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>- Use of multiplication/division facts for 2,3,4,5,8,10</li> <li>- Write and calculate mathematical statements for multiplication and division including 2-digit x 1-digit numbers using mental and written methods using times tables they know</li> <li>- Solve problems: multiplication and division, positive integer scaling, correspondence (n objects are connected to m objects)</li> <li>- Understand the relationship between multiplication and division</li> </ul>	<p><b>Fractions (use an object, shape and quantity)</b></p> <ul style="list-style-type: none"> <li>- Recognise and show equivalent fractions</li> <li>- Add and subtract fractions with the same denominator within 1 whole</li> <li>- Compare and order unit fractions and fractions with same denominator and be able to place on a number line</li> <li>- Recognise, find and write fractions as a discrete set of objects and use as numbers – unit and non-unit fractions with small denominators</li> <li>- Count up and down in tenths – connect to decimal and division by 10</li> <li>- Solve problems using the above</li> </ul>	
<p><b>Measurement</b></p> <ul style="list-style-type: none"> <li>- Measure, compare, add and subtract: length/height- (mm,cm/m), mass (kg/g), capacity (l/ml) using appropriate measuring tools</li> <li>- Measure the perimeter of 2D shapes</li> <li>- Compare and order lengths, mass, volume/capacity using <math>&lt; &gt; =</math></li> <li>- Use £ and p to add and subtract amounts of money and show change in practical contexts</li> <li>- Tell and write the time from and analogue clock. In addition, use Roman numerals from I to XII and 12/24 hour clocks</li> <li>- Estimate and read time to the nearest minute, record and compare time in seconds, minutes and hours. Use o'clock, a.m/p.m, morning, afternoon, noon and midnight</li> <li>- Know 60 seconds = 1 minute, how many days in each month, year and leap year</li> <li>- Compare durations of events</li> </ul>	<p><b>Shape</b></p> <ul style="list-style-type: none"> <li>- Draw 2D and make 3D shapes.</li> <li>- Recognise 3D shapes in different orientations</li> <li>- Recognise angles as a property of shape/description of turn</li> <li>- Identify right angles and their relationship to <math>\frac{1}{2}</math> turns, <math>\frac{3}{4}</math> turns and complete turns</li> <li>- Identify if angles are more or less than 90 degrees</li> <li>- Identify horizontal and vertical lines, perpendicular lines and parallel lines</li> </ul>	<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>- Interpret and present data using bar charts, pictograms and tables</li> <li>- Solve one-step and two-step questions using information in the above</li> <li>- Use simple scales on graphs e.g. 2/5/10 units per cm)</li> </ul>

