

YEAR 3	
<b>Number and Place Value</b>	<ul style="list-style-type: none"> <li>• Read and write numbers up to 1000 in numerals and in words</li> <li>• Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</li> <li>• Find 10 or 100 more or less than a given number</li> <li>• Compare and order numbers up to 1000</li> <li>• Identify, represent and estimate numbers using different representations</li> <li>• Count from 0 in multiples of 4, 8, 50 and 100;</li> <li>• Solve number problems and practical problems involving these ideas.</li> </ul>
<b>Fractions</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.</li> <li>• Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.</li> <li>• Recognise and show, using diagrams, equivalent fractions with small denominators.</li> <li>• Add and subtract fractions with the same denominator within one whole for example, <math>\frac{5}{7} + \frac{1}{7} = \frac{6}{7}</math></li> <li>• Compare and order unit fractions, and fractions with the same denominator</li> <li>• Solve problems that involve all of the previous.</li> </ul>
<b>Addition and Subtraction</b>	<ul style="list-style-type: none"> <li>• Read and write numbers up to 1000 in numerals and in words</li> <li>• Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</li> <li>• Find 10 or 100 more or less than a given number</li> <li>• Compare and order numbers up to 1000</li> <li>• Identify, represent and estimate numbers using different representations</li> <li>• Round a three digit number to the nearest 10 and 100.</li> <li>• Count from 0 in multiples of 4, 8, 50 and 100;</li> <li>• Solve number problems and practical problems involving these ideas.</li> <li>• Add and subtract numbers mentally, including: <ul style="list-style-type: none"> <li>• a three-digit number and ones</li> <li>• a three-digit number and tens</li> <li>• a three-digit number and hundreds</li> </ul> </li> <li>• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction</li> <li>• Estimate the answer to a calculation and use inverse operations to check answers</li> </ul>
<b>Multiplication and Division</b>	<ul style="list-style-type: none"> <li>• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>• Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods</li> <li>• Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.</li> <li>• Estimate the answer to a calculation and inverse operations to check.</li> </ul>
<b>Geometry - Shape</b>	<ul style="list-style-type: none"> <li>• Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them.</li> <li>• Recognise angles as a property of shape or a description of a turn.</li> <li>• 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.</li> <li>• Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</li> </ul>
<b>Statistics</b>	<ul style="list-style-type: none"> <li>• Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs</li> <li>• Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</li> <li>• To find the mode and range of data.</li> </ul>

<b>Measures</b>	<ul style="list-style-type: none"><li>• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).</li><li>• Measure the perimeter of simple 2-D shapes.</li><li>• Add and subtract amounts of money to give change, using both £ and p in practical contexts.</li><li>• Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.</li><li>• Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs</li><li>• Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</li><li>• To find the mode and range of data.</li></ul>
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