

Mathematics	Term 1 Cycle 1	Term 2 Cycle 1	Term 3 Cycle 1	Term 1 Cycle 2	Term 2 Cycle 2	Term 3 Cycle 2
<b>Year 3 Maths</b>						
<b>Number &amp; Place Value</b>						
<ul style="list-style-type: none"> <li>count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</li> </ul>						
<ul style="list-style-type: none"> <li>recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</li> </ul>						
<ul style="list-style-type: none"> <li>compare and order numbers up to 1000</li> </ul>						
<ul style="list-style-type: none"> <li>identify, represent and estimate numbers using different representations</li> </ul>						
<ul style="list-style-type: none"> <li>read and write numbers up to 1000 in numerals and in words</li> </ul>						
<ul style="list-style-type: none"> <li>solve number problems and practical problems involving these ideas.</li> </ul>						
<b>Addition &amp; Subtraction</b>						
<ul style="list-style-type: none"> <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> </ul>						
<ul style="list-style-type: none"> <li>add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction</li> </ul>						
<ul style="list-style-type: none"> <li>estimate the answer to a calculation and use inverse operations to check answers</li> </ul>						
<ul style="list-style-type: none"> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</li> </ul>						
<b>Multiplication &amp; 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> </ul>						
<ul style="list-style-type: none"> <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> </ul>						
<ul style="list-style-type: none"> <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> </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> </ul>						
<ul style="list-style-type: none"> <li>recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators</li> </ul>						
<ul style="list-style-type: none"> <li>recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</li> </ul>						
<ul style="list-style-type: none"> <li>recognise and show, using diagrams, equivalent fractions with small denominators</li> </ul>						
<ul style="list-style-type: none"> <li>add and subtract fractions with the same denominator within one whole</li> </ul>						
<ul style="list-style-type: none"> <li>compare and order unit fractions, and fractions with the same denominators</li> </ul>						
<ul style="list-style-type: none"> <li>solve problems that involve all of the above.</li> </ul>						
<b>Measurement</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> </ul>						
<ul style="list-style-type: none"> <li>measure the perimeter of simple 2-D shapes</li> </ul>						
<ul style="list-style-type: none"> <li>add and subtract amounts of money to give change, using both £ and p in practical contexts</li> </ul>						
<ul style="list-style-type: none"> <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> </ul>						
<ul style="list-style-type: none"> <li>estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight</li> </ul>						
<ul style="list-style-type: none"> <li>know the number of seconds in a minute and the number of days in each month, year and leap year</li> </ul>						
<ul style="list-style-type: none"> <li>compare durations of events [for example to calculate the time taken by particular events or tasks].</li> </ul>						

<b>Properties of Shapes</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> </ul>						
<ul style="list-style-type: none"> <li>recognise angles as a property of shape or a description of a turn</li> </ul>						
<ul style="list-style-type: none"> <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> </ul>						
<ul style="list-style-type: none"> <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 data using bar charts, pictograms and tables</li> </ul>						
<ul style="list-style-type: none"> <li>solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.</li> </ul>						