

## Y1 MATHEMATICS TERMLY PATHWAY

	NUMBER	MEASURE	GEOMETRY
<b>Autumn</b>	<p><b>Number &amp; Place value</b></p> <ul style="list-style-type: none"> <li>count to and across 100, forwards and backwards, beginning with 0 or 1</li> <li>count, read numbers to 100 in numerals;</li> <li>given a number, identify one more and one less</li> <li>identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</li> <li>read and write numbers from 1 to 20 in numerals.</li> </ul> <p><b>Addition &amp; Subtraction</b></p> <ul style="list-style-type: none"> <li>read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> <li>add and subtract one-digit numbers to 20, including zero</li> <li>solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations,</li> </ul> <p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>recognise, find and name a half as one of two equal parts of an object,</li> </ul>	<ul style="list-style-type: none"> <li>measure and begin to record the following           <ul style="list-style-type: none"> <li>* lengths and heights</li> <li>* mass/weight</li> <li>* capacity and volume</li> <li>* time (hours, minutes, seconds)</li> </ul> </li> <li>recognise and know the value of different denominations of coins and notes</li> <li>sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]</li> <li>recognise and use language relating to dates, including days of the week,</li> <li>tell the time to the hour and half past the hour and draw the hands on a clock face to show these times</li> </ul>	<p><b>Properties of shapes</b></p> <ul style="list-style-type: none"> <li>recognise and name common 2-D and 3-D shapes, including:           <ul style="list-style-type: none"> <li>* 2-D shapes [for example, rectangles (including squares), circles and triangles]</li> <li>* 3-D shapes [for example, cuboids (including cubes) pyramids and spheres]</li> </ul> </li> </ul> <p><b>Position &amp; Direction</b></p> <ul style="list-style-type: none"> <li>describe position, direction and movement (Pupils use the language of position, direction and motion, including: top, middle and bottom, on top of, in front of, above, between, around, near, close and far, up and down, forwards and backwards, inside and outside.)</li> </ul>

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<b>Spring</b>	<p><b>Number &amp; Place value</b></p> <ul style="list-style-type: none"> <li>▪ count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</li> <li>▪ count, read and write numbers to 100 in numerals; count in multiples of twos and tens</li> <li>▪ given a number, identify one more and one less</li> <li>▪ identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</li> <li>▪ read and write numbers from 1 to 20 in numerals and words.</li> </ul> <p><b>Addition &amp; Subtraction</b></p> <ul style="list-style-type: none"> <li>▪ represent and use number bonds</li> <li>▪ add and subtract one-digit and two-digit numbers to 20, including zero</li> <li>▪ solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = * - 9</math>.</li> </ul> <p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>▪ recognise, find and name a half as one of two equal parts of an object, shape</li> <li>▪ recognise, find and name a quarter as one of four equal parts of an object, shape or</li> </ul>	<ul style="list-style-type: none"> <li>▪ compare, describe and solve practical problems for           <ul style="list-style-type: none"> <li>* lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]</li> <li>* mass/weight [for example, heavy/light, heavier than, lighter than]</li> <li>* capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]</li> <li>* time [for example, quicker, slower, earlier, later]</li> </ul> </li> <li>▪ recognise and know the value of different denominations of coins and notes</li> <li>▪ recognise and use language relating to dates, including months and years</li> <li>▪ tell the time to half past the hour and draw the hands on a clock face to show the times</li> </ul>	<p><b>Properties of shapes</b></p> <ul style="list-style-type: none"> <li>▪ recognise and name common 2-D and 3-D shapes, including:           <ul style="list-style-type: none"> <li>* 2-D shapes [for example, rectangles (including squares), circles and triangles]</li> <li>* 3-D shapes [for example, cuboids (including cubes) pyramids and spheres] (They recognise these shapes in different orientations and sizes, and know they are not always similar to each other)</li> </ul> </li> <li>▪ describe position, direction and movement, <b>(Pupils use the language of position, direction and motion, including: left and right)</b></li> </ul>

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Summer	<p><b>Number &amp; Place value</b></p> <ul style="list-style-type: none"> <li>count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens</li> <li>read and write numbers from 1 to 20 in words.</li> </ul> <p><b>Addition &amp; Subtraction</b></p> <ul style="list-style-type: none"> <li>represent and use number bonds and related subtraction facts within 20</li> <li>add and subtract two-digit numbers to 20, including zero</li> <li>solve one-step problems that involve addition and subtraction and missing number problems such as <math>7 = * - 9</math>.</li> </ul> <p><b>Multiplication &amp; Division</b></p> <ul style="list-style-type: none"> <li>solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</li> </ul> <p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>recognise, find and name a half as one of two equal parts of a quantity</li> <li>recognise, find and name a quarter as one of four equal parts of a quantity.</li> </ul>	Continuation and consolidation of above.	<p><b>Position &amp; Direction</b></p> <ul style="list-style-type: none"> <li>describe position, direction and movement, including whole, half, quarter and three quarter turns.</li> </ul>