



## St. Katharine's Primary School Mathematics Progression Pathway Year 1

	Number				Measurement	Geometry		Statistics
Year	Number and Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Measurement	Properties of Shape	Position and Direction	Statistics
<b>1</b>	<p>Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.</p> <p>Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s.</p> <p>Given a number, identify 1 more and 1 less.</p> <p>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.</p> <p>Read and write numbers from 1 to 20 in numerals and words.</p> <p><i>(White Rose Autumn Block 1)</i></p> <p><i>(White Rose Spring Block 2)</i></p>	<p>Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.</p> <p>Represent and use number bonds and related subtraction facts within 20.</p> <p>Add and subtract one-digit and two-digit numbers to 20, including 0.</p> <p>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>.</p> <p><i>(White Rose Autumn Block 2)</i></p> <p><i>(White Rose Spring Block 2)</i></p>	<p>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.</p> <p><i>(White Rose Summer Block 1)</i></p>	<p>Recognise, find and name a half as 1 of 2 equal parts of an object, shape or quantity.</p> <p>Recognise, find and name a quarter as 1 of 4 equal parts of an object, shape or quantity.</p> <p><i>(White Rose Summer Block 2)</i></p>	<p>Compare, describe and solve practical problems for:</p> <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> <p>Measure and begin to record the following:</p> <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> <li>-recognise and know the value of different</li> </ul>	<p>Recognise and name common 2-D and 3-D shapes, including:</p> <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> <p><i>(White Rose Autumn Block 3)</i></p>	<p>Describe position, direction and movement, including whole, half, quarter and three-quarter turns</p> <p><i>(White Rose Summer block 6)</i></p>	



## St. Katharine's Primary School Mathematics Progression Pathway Year 1

	<p><i>(White Rose Spring Block 3)</i></p> <p><i>(White Rose Summer Block 4)</i></p>				<p>denominations of coins and notes.</p> <p>Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening].</p> <p>Recognise and use language relating to dates, including days of the week, weeks, months and years.</p> <p>Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.</p> <p><i>(White Rose Spring Block 4 and 5 for length, height, weight and volume)</i></p> <p><i>(White Rose Summer Block 5 for money and block 6 for time)</i></p>				
	<p>DfE Ready to Progress Materials: <a href="https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1017683/Maths_guidance_KS_1_and_2.pdf">https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1017683/Maths_guidance_KS_1_and_2.pdf</a></p> <p>Slides to support Ready to Progress and PD materials: <a href="https://www.ncetm.org.uk/classroom-resources/exemplification-of-ready-to-progress-criteria/">https://www.ncetm.org.uk/classroom-resources/exemplification-of-ready-to-progress-criteria/</a></p> <p>NCETM Mastery PD materials: <a href="https://www.ncetm.org.uk/resources/50639">https://www.ncetm.org.uk/resources/50639</a></p>								



## St. Katharine's Primary School Mathematics Progression Pathway Year 1

NCETM Mastery Assessment Materials:

<https://www.ncetm.org.uk/resources/46689>