



## St. Bernadette's Maths Curriculum Overview

	Autumn Term	Spring Term	Summer Term
<b>Nursery</b>	<p><b><u>Numerical Pattern/Number:</u></b> Comparing quantities &amp; Pattern. Recite numbers to 5 &amp; say one number for each item to 3.</p> <p><b><u>Shape Space Measure:</u></b> Using the language of... Shape (using appropriately). Make comparisons. Position &amp; Time within daily routine.</p>	<p><b><u>Numerical Pattern/Number:</u></b> Pattern – Name and talk about. Recite &amp; count to 5 (using fingers). Sort &amp; Match (by size/shape). Comparing quantities Fast recognition of objects (1 and 2). Begin to represent numbers with marks.</p> <p><b><u>Shape Space Measure:</u></b> Using appropriate vocabulary... Shape (talk about &amp; combine to make new ones). Make comparisons. Use language of Position (familiar routes). Use language of Time (sequence of events).</p>	<p><b><u>Numerical Pattern/Number:</u></b> Pattern – Extend &amp; Create. Numbers to 5 Experimenting with marks/numerals Real life mathematical problems Comparing Quantities (more/fewer)</p> <p><b><u>Shape Space Measure:</u></b> Using appropriate vocab... Shape -2D &amp; 3D Position (describe a familiar route). Make comparisons- size, length, weight &amp; capacity. Time (describe a sequence of events). Pattern – Extend and Create</p>
<b>Reception</b>	<p>Mathematical Fluency &amp; White Rose Phases 1, 2 &amp; 3.</p> <p><b><u>Numerical Pattern/Number:</u></b> to 5. Key skills - subitising, counting, composition, sorting &amp; matching, comparing &amp; ordering. Counting to 5 and back again. Explore number bonds to 5. 1 more/less.</p> <p><b><u>Shape Space and Measure:</u></b> Using vocabulary of... Sort, Match &amp; discuss – combining shapes 2D Shape- Name, select, rotate &amp; manipulate. Pattern (Continue, copy and create AB pattern). Position – to find/hide objects. Order 2-3 items by length, mass, capacity. Time – Sequence events- Night and Day</p>	<p>Mathematical Fluency &amp; White Rose Phases 4, 5 &amp; 6.</p> <p><b><u>Numerical Pattern/Number:</u></b> 0, 6 to 10. Develop key Skills Counting to 10 and back again. Subitising &amp; number bonds to 5. Comparing numbers to 5 &amp; composition Pairs Combining 2 groups Bonds to 10</p> <p><b><u>Shape Space and Measure:</u></b> Using vocabulary of... 3D Shape – naming, sorting &amp; grouping. Pattern – more complex patterns Length – Use tools to measure. Capacity - Half full, nearly full/empty. Mass- Balancing weights. Time – Sequence events, yesterday, today, tomorrow, days of the week &amp; 1 minute timer.</p>	<p>Mathematical Fluency &amp; White Rose Phases 4, 5 &amp; 6.</p> <p><b><u>Numerical Pattern/Number:</u></b> to 20. Consolidate key skills. Automatically recall number bonds to 5. Adding more &amp; Taking Away- First, Then Now Doubling, Sharing &amp; Grouping Even &amp; Odd Build numbers and count patterns beyond 10.</p> <p><b><u>Shape Space and Measure:</u></b> Using vocabulary of... Shape – matching, combining, and separating to create shape arrangements. Pattern – Create ABBC pattern. Position – To describe where object are &amp; create identical constructions/arrangements. Time – Measure and compare short periods of time.</p>
<b>Year 1</b>	<p>Number: Place value (within 10) Number: Addition and subtraction (within 10) Geometry: shape Consolidation</p>	<p>Number : place value (within 20) Number : Addition and subtraction (within 20) Number: Place value (within 50) Measurement: Length and height Measurement: Mass and volume</p>	<p>Number: Multiplication and division Number: Fractions Geometry: Position and direction Number: Place value (within 100) Measurement: Money Measurement: Time</p>

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<b>Year 2</b>	<b>Number: Place value</b> <b>Number : Addition and subtraction</b> <b>Measurement: Money</b> <b>Geometry: Shape</b>	<b>Measurement: Money</b> <b>Number : Multiplication and division</b> <b>Measurement: Length and height</b> <b>Measurement: Mass, capacity and temperature</b>	<b>Number: Fractions</b> <b>Measurement: Time</b> <b>Statistics</b> <b>Geometry: Position and direction</b>
<b>Year 3</b>	<b>Number: Place Value</b> <b>Number: Addition and subtraction</b> <b>Number: Multiplication and division</b>	<b>Number: Multiplication and division</b> <b>Measurement: Length and perimeter</b> <b>Number: Fractions</b> <b>Measurement: Mass and capacity</b>	<b>Number: Fractions</b> <b>Measurement: Money</b> <b>Measurement: Time</b> <b>Geometry: Shape</b> <b>Statistics</b> <b>Consolidation</b>
<b>Year 4</b>	<b>Number: Place value</b> <b>Number: Addition and subtraction</b> <b>Measurement: Area</b> <b>Number: Multiplication and division</b> <b>Consolidation</b>	<b>Number: Multiplication and division</b> <b>Measurement: Length and Perimeter</b> <b>Number: Fractions</b> <b>Number: Decimals</b>	<b>Number: Decimals</b> <b>Measurement: Money</b> <b>Measurement: Time</b> <b>Consolidation</b> <b>Geometry: Shape</b> <b>Statistics</b> <b>Geometry: Position and direction</b>
<b>Year 5</b>	<b>Number: Place value</b> <b>Number: Addition and subtraction</b> <b>Number: Multiplication and division</b> <b>Number: Fractions</b>	<b>Number: Multiplication and division</b> <b>Number: Fractions</b> <b>Number: Decimals and percentages</b> <b>Measurement: Perimeter and area</b> <b>Statistics</b>	<b>Geometry: Shape</b> <b>Geometry: Position and direction</b> <b>Number: Decimals</b> <b>Number: Negative numbers</b> <b>Measurement: Converting units</b> <b>Measurement: Volume</b>
<b>Year 6</b>	<b>Number: Place value</b> <b>Number: Addition, subtraction, multiplication and division</b> <b>Number: Fractions</b> <b>Number: Decimals</b>	<b>Number: Decimals</b> <b>Number: Ratio</b> <b>Number: Algebra</b> <b>Number: Fractions, decimals and percentages</b> <b>Measurement: Converting units</b> <b>Measurement: Perimeter, area and volume</b> <b>Statistics</b>	<b>Geometry: Shape</b> <b>Geometry: Position and direction</b> <b>Consolidation, themed projects and problem solving</b>