



**Mrs Bland's Infant and Nursery School – Mathematics Overview – Reception**

<p><b>National Curriculum:</b></p> <ul style="list-style-type: none"> <li>Count objects, actions and sounds;</li> <li>Subitise;</li> <li>Link the number symbol (numeral) with its cardinal number value.</li> <li>Count beyond ten;</li> <li>Compare numbers;</li> <li>Understand the 'one more than/one less than' relationship between consecutive numbers;</li> <li>Explore the composition of numbers to 10;</li> <li>Automatically recall number bonds for numbers 0–5 and some to 10;</li> <li>Select, rotate and manipulate shapes in order to develop spatial reasoning skills;</li> <li>Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can;</li> <li>Continue, copy and create repeating patterns and</li> <li>Compare length, weight and capacity.</li> </ul>		<p><b>Early Learning Goals:</b></p> <p><b>Number</b></p> <ul style="list-style-type: none"> <li>Have a deep understanding of number to 10, including the composition of each number;</li> <li>Subitise (recognise quantities without counting) up to 5 and</li> <li>Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.</li> </ul> <p><b>Numerical Patterns:</b></p> <ul style="list-style-type: none"> <li>Verbally count beyond 20, recognising the pattern of the counting system;</li> <li>Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity and</li> <li>Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.</li> </ul>			
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>Match, sort and compare shapes and objects.</p> <p>Talk about measure and patterns</p>	<p><b>It's me 1 2 3</b> Find, subitise, represent and make 1, 2 and 3. Understand 1 more and 1 less.</p> <p><b>Circles and triangles 1,2,3,4,5</b> Find, subitise, represent and make 1, 2, 3, 4 and 5. Understand 1 more and 1 less.</p> <p><b>Shapes with 4 sides</b></p>	<p><b>Alive in 5</b> Introduce zero and find, subitise, represent and make 0, 1, 2, 3, 4 and 5. Understand 1 more and 1 less.</p> <p><b>Mass and capacity Growing 6, 7 ,8</b> Find, subitise, represent and make 6, 7 and 8. Understand 1 more and 1 less.</p>	<p><b>Building 9 and 10</b> Find, subitise, represent and make 9 and 10. Understand 1 more and 1 less. Find and make doubles to 10 and make bonds to 10 in 3 parts</p> <p><b>Explore 3 – D shapes</b></p>	<p><b>To 20 and beyond</b> Build numbers beyond 10 and verbally counting beyond 20.</p> <p><b>How many now?</b> Adding and subtracting and understanding how much has been added or subtracted.</p> <p><b>Manipulate and</b></p>	<p><b>Sharing and grouping.</b></p> <p><b>Visualise, build and map.</b> Exploring, creating and making patterns. Describing positions and giving instructions to build. Representing and making maps.</p> <p><b>Make connections</b> Make connections</p>

		Finding doubles to 8 and make odd and even pairs. <b>Length, height and time</b>		<b>decompose</b> Selecting shapes for purpose and composing and decomposing them. Copy 2 D shapes in pictures and finding 2D shapes in 3D shapes.	between all the aspects of maths that have been covered through the year.
Each week a recap is included of something we did 'last year, last week, last month and an area that needs reviewing'. By doing this, the children are able to revisit topics continuously throughout the year.					