



Mathematics

Developing a strong grounding in number is essential so that all children develop the necessary building blocks to excel mathematically. Children should be able to count confidently, develop a deep understanding of the numbers to 10, the relationships between them and the patterns within those numbers.

By providing frequent and varied opportunities to build and apply this understanding - such as using manipulatives, including small pebbles and tens frames for organising counting - children will develop a secure base of knowledge and vocabulary from which mastery of mathematics is built. In addition, it is important that the curriculum includes rich opportunities for children to develop their spatial reasoning skills across all areas of mathematics including shape, space, and measures. It is important that children develop positive attitudes and interests in mathematics, look for patterns and relationships, spot connections, 'have a go', talk to adults and peers about what they notice and not be afraid to make mistakes

Nursery	Colours Sorting Patterns	Size Counting Comparing	Number 1 Number 2 Number 3	Number 4 Number 5 Counting to 5	Shapes My day Short, Long and Tall – comparing length	Weight Capacity Positional Language
Nursery Curriculum goals	Know how to solve everyday problems in their play. Use mathematical language and begin to count.					
Reception	<i>Getting to know You</i> <i>Just like me</i> Match and sort Making comparisons (Compare amounts Compare size, mass and capacity) Exploring Pattern (Make simple patterns)	<i>It's me 1, 2, 3!</i> Representing 1, 2, 3 Comparing 1, 2, 3 Composition of 1, 2, 3 Geometry and spatial thinking (Circles and triangles Spatial awareness) <i>Light and dark</i> Numbers to 5 (Four and Five One more and one less)	<i>Alive in 5!</i> Introducing zero Comparing numbers to 5 Composition of 4 and 5 Compare mass. Compare capacity. <i>Growing 6, 7, 8</i> 6, 7 and 8 Making pairs Combining 2 groups Length and height Time	<i>Building 9 and 10</i> 9 and 10 Comparing numbers to 10 Bonds to 10 3D shape Pattern <i>Consolidation</i>	<i>To 20 and beyond</i> Building numbers beyond 10 Counting patterns beyond 10 Spatial reasoning <i>First, then, now</i> Adding more Taking away Spatial reasoning	<i>Find my pattern.</i> Doubling Sharing and grouping Even and odd Spatial reasoning <i>On the move</i> Deepening understanding Patterns and relationships Spatial reasoning



EYFS Long Term Maths Plan 2024-25

Reception Curriculum goals	Understand in depth numbers to 10, including number bonds. Recognise the pattern of the counting system. Compare quantities in different contexts.
-------------------------------	--