Maths in Early Years at NTCPS

Throughout the year, children will experience a range of mathematical tasks both in Continuous Provision and Adult led focus tasks. This includes games, problem solving, Focus Tasks and exploration. To support children in developing a deep understanding of Number and Mathematical Concepts, we follow the White Rose Maths scheme and strive for mastery in Maths for all children.

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.

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
What makes you unique?!	Let's Celebrate!	Adventure and Time Travel!	Once Upon a Time!	Growing!	Ready, Steady, Go!
• X3 weeks: baseline/getting to know you • Matching • Sorting • Comparing amounts • Compare size/mass/capacity • Exploring patterns	• Representing and comparing 1,2,3 • Composition of 1,2,3 • Circles and triangles & Spatial awareness • The number 4/ The number 5 • One more one less • Comparing shapes • Night and day (routines/time)	• Zero and comparing numbers to 5 • Composition of 4 and 5 • Mass and capacity • Learning about 6,7 and 8 • Pairs and combining groups to 10 • Length and height	• 9 and 10 • Comparing numbers to 10 • Number bonds to 10 (2 weeks) • 3D shape • Consolidation (respond to what they need more support with)	• Building numbers beyond 10 • Counting patterns/spatial reasoning • Adding more x2 weeks • Taking away x2 weeks	• Doubles • Sharing and grouping • Odd and Even • Spatial reasoning • Deepening understanding x2 weeks • Patterns • Consolidation