

Nursery Maths Long term overview

<p>Mathematics</p>	<p>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.</p>					
	<ul style="list-style-type: none"> -I can recite some number names in sequence -I can show interest in and join in with number rhymes 	<ul style="list-style-type: none"> -I can recite some number names past 5 - I can have conversations about numbers -I can say when two small groups have the same number -I can sort objects using one simple criteria -I can share play toys with a friend when asked 	<ul style="list-style-type: none"> -I can recite some number names in sequence -I can show interest in and join in with number rhymes -I can bring one or two objects to an adult when asked -I can extend a simple ABABAB pattern -I can experiment with my own symbols, marks and numerals 	<ul style="list-style-type: none"> -I can create a simple ABABAB pattern -I can use number names to ten -I am beginning to count small quantities accurately -I can show understanding of simple comparisons - more -I can give one more object when asked -I can identify the shape of everyday objects 	<ul style="list-style-type: none"> -I can recite some number names in sequence -I can show interest in and join in with number rhymes -I can correct a simple pattern -I can show understanding of simple comparisons - less -I can take one object away when asked -I can use informal language such as 'stripy' 'pointy' when sorting objects -I know that the last number reached when counting objects is how many in total -I have fast recognition of three objects -I can compare quantities 	<ul style="list-style-type: none"> - I can say one number name for each item in order to five -I can link numerals and amounts -I can show finger numbers up to five -I can describe a sequence of events in order -I can use mathematical language to describe shapes -I can identify numerals in the environment -I can represent numbers using marks