

Year Nursery Mathematics

Here are some key objectives that you can help your child to achieve

Children work on the 30 – 50 months objectives throughout their time in Nursery and when they are secure with these they will go onto the Reception class objectives under 40 – 60 months

Numbers (30 – 50 months)	Shape, Space & Measure (30 – 50 months)
<ul style="list-style-type: none"> • Uses some number names and number language spontaneously • Uses some number names accurately in play. • Recites numbers in order to 10. • Knows that numbers identify how many objects are in a set. • Beginning to represent numbers using fingers, marks on paper or pictures. • Sometimes matches numeral and quantity correctly. • Shows curiosity about numbers by offering comments or asking questions • Compares two groups of objects, saying when they have the same number. • Shows an interest in number problems. • Separates a group of three or four objects in different ways, beginning to recognise that the total is still the same. • Shows an interest in numerals in the environment. • Shows an interest in representing numbers. • Realises not only objects, but anything can be counted, including steps, claps or jumps. 	<ul style="list-style-type: none"> • Shows an interest in shape and space by playing with shapes or making arrangements with objects. • Shows awareness of similarities of shapes in the environment. • Uses positional language. • Shows interest in shape by sustained construction activity or by talking about shapes or arrangements. • Shows interest in shapes in the environment. • Uses shapes appropriately for tasks. • Beginning to talk about the shapes of everyday objects, eg: 'round' and 'tall'.

The calculation methods used in Nursery are:

Addition	Subtraction
<p>Nursery rhymes. For example, 1,2,3,4,5, Once I caught a fish alive, Peter Hammers with One Hammer etc..... are used to support the children's development of addition.</p>  <p>The children will physically join in using hands, fingers, bodies along with puppets and other props. We also count daily using language such as there are five children in our group and if (Sean) comes and joins us how many will there be? Number lines and Number squares are also used to support children's recognition of numbers as they calculate.</p>	<p>Nursery rhymes such as 5 Little Men in a Flying Saucer, 5 Little Speckled Frogs, There were 10 in the Bed and the little one said.... are used to support the development of subtraction. They will stand and physically join in with action rhymes, using puppets and props.</p> 
Multiplication	Division
<p>Through the children's play in all areas of the nursery, they will engage in counting out and sharing things, such as small toys, pencils, painting aprons etc and this forms part of their early understanding and development of division and multiplication for when they move further up in their school life.</p>	