

MATHEMATICS Long Term Planning - Summary of NURSERY Units

AUTUMN 1	AUTUMN 2
<ul style="list-style-type: none"> - Use some number names and number language in play - Show finger numbers up to 5 - Say one number name for each item in order 1,2,3,4,5 - Use informal language like 'pointy', 'spotty', 'blobs' - Joins in with simple patterns in sounds, objects, games and stories dance and movement predicting what comes next 	<ul style="list-style-type: none"> - Fast recognition of up to 3 objects, without having to count them individually (subitising) - Recite numbers past 5 and at least up to 10 - Select shapes appropriately: flat surfaces for building, a triangular prism for a roof etc. - Separates a group of three or four objects in different ways, beginning to recognise that the total is still the same
SPRING 1	SPRING 2
<ul style="list-style-type: none"> - Begin to recognise numerals 0-10 - Verbally counts beyond 10 - Understand position through words alone - Compare quantities using language 'lots' 'more' 'same' 'more than' 'fewer than' - Make comparisons between objects relating to size, length, weight and capacity - Extend and create ABAB patterns 	<ul style="list-style-type: none"> - Link numerals and amounts - Know that the last number reached when counting a small set of objects tells you how many there are in total (cardinal principle) - Talk about and explore 2D and 3D shapes - Describe a familiar route - Predicts, moves and rotates objects to fit the space or create the shape they would like - Explore using a range of own marks and signs which ascribe mathematical meanings.
SUMMER 1	SUMMER 2
<ul style="list-style-type: none"> - In meaningful contexts, find the longer or shorter, heavier or lighter and more/less full of two items - Discuss routes and locations, using words like 'in front of' and 'behind' - Experiment with their own symbols and marks as well as numerals - Begin to recognise that each counting number is one more than the one before - Develop a deep understanding of number to 5, including the composition of each number 	<ul style="list-style-type: none"> - Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 3 (including subtraction facts) - Notice and correct an error in a repeating pattern - Solve real world mathematical problems with numbers up to 5 - Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then'...