

Nursery Maths Long Term Plan

Autumn

- Uses numbers and number language spontaneously and accurately in play.
- Recites numbers in order to 10.
- Recognises numbers of personal significance.
- Recognise numerals 1-5, then 1-10.
- Begins to represent numbers using fingers, marks on paper or pictures.
- Knows that numbers identify how many objects are in a set.
- Selects a small number of objects from a group.
- Counts reliably up to 10 everyday objects.
- Notices simple shapes or patterns in pictures and in the environment.
- Beginning to categorise objects according to properties such as shape or size.
- Begins to use the language of size.
- Shows interest in shape by playing with shapes or making arrangements with objects.
- Understands talk about the immediate past and future, e.g. *before*, *later*, *soon* and anticipates regular routine events such as meal times and home time.

Spring

- Develop fast recognition of up to 3 objects, without having to count them individually;
- Say one number for each item in order: 1,2,3,4,5;
- Know that the last number reached when counting a small set of objects tells you how many there are in total;
- Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5;
- Solve real-world mathematical problems with numbers up to 5;
- Compare quantities using language 'more than' and 'fewer than';
- Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language such as sides, corners, straight, flat and round.

Summer

- Develop fast recognition of up to 3 objects, without having to count them individually ('subitising').
- Recite numbers past 5 and say one number for each item in order: 1,2,3,4,5.
- Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle').

- Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5.
- Experiment with their own symbols and marks as well as numerals.
- Solve real world mathematical problems with numbers to five.