



Maths Knowledge Organiser

Nursery – Summer



Learn to love, love to learn.

Key Representations

Five Frames	
Numicon	
Fingers	
Dice	
Cubes	
Numerals	
Real life objects	
Number Blocks	
Drawing	

What I will learn:

- To explore, recite and understand numbers to 5
- Recite numbers to 10 in order
- Find numeral 3, 4 and 5
- Subitising 3-5
- Finding 1-5 objects
- Representing 1-5 on a 5 frame
- I can compare quantities using more, fewer, less
- Representing a number using marks, pictures and fingers
- I will explore with 2D and 3D shapes
- Forming each numeral correctly using the number rhymes below
- Comparison e.g. things that show 1 and not 1

Number Formation:

The children will be focusing on numerals 1-5 throughout the year and will work on forming correctly. This will make the children more familiar with the numbers in addition to forming them. Any practice at home will further this development



Key Vocabulary

Subitise	Knowing how many objects are in front of you, without needing to count them (up to 5 objects).
Number to quantity	Being shown a number and showing the correct amount with physical objects such as cubes or counters.
Composition	Knowing that 1 number can be made up of two or more smaller numbers. (eg: I know that 3 is made of 1, and 1 and 1. I know that 3 is made of 2 and 1.)
One more and one less	Knowing one more or one less than a given number (One more than 6 is 7. One less than 5 is 4.)
Numeral	The written symbol for a number; e.g. 3, 2, 1

Making a difference at home

- Count with your child and see how far they can go.
- Show your child a number and see if they can collect that many items for you.
- Days of the week song and talking about the day
- General counting e.g. counting how many bananas there are in the fruit bowl.
- Do we have more bananas or more apples? Do we have fewer apples or bananas? (children can use their subitising skills)
- Subitising and using fingers to represent
- Counting songs and rhymes, using fingers to represent
- Numbers on buses, on houses, numbers in the shops.
- Ask numerical questions.
During a shopping trip: "I need a pack of toilet roll. How many rolls are in the pack?"
- Practice writing numbers down with the correct formation

