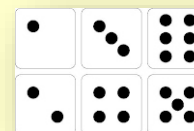




# Maths Knowledge Organiser

## Reception – Autumn 2

2024–2025



*Learn to love, love to learn.*

### What we will be using

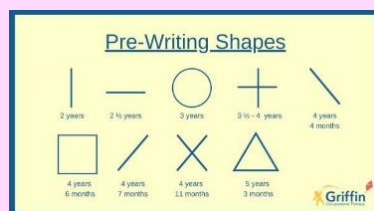


### What I will learn:

- To understand the composition of 3.
- To identify shapes including circles, triangles, squares and rectangles.
- To understand and be able to use positional language
- To subitise numbers up to 5.
- To understand the concept of one more and one less.
- To develop understanding of composition up to 5.
- To work on my number formation

#### Pre-Writing Shapes:

For those not yet ready to begin forming numbers, forming these shapes help their development.

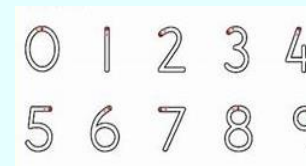


### Key Vocabulary

<b>Subitise</b>	Knowing how many objects are in front of you, without needing to count them (up to 5 objects).
<b>Number to quantity</b>	Being shown a number and showing the correct amount with physical objects such as cubes or counters.
<b>Composition</b>	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.)
<b>One more and One Less</b>	Knowing one more or one less than a given number (One more than 6 is 7. One less than 5 is 4.)
<b>Stem Sentences</b>	Encouraging full sentences when describing something mathematical. For example, when comparing two groups of objects, instead of saying 'the monkey has more', we can say 'the monkey has more bananas than the elephant'. This encourages better mathematical language from the children.
<b>Positional Language</b>	Language referring to where something or someone is, often relating to other things. (eg: next to, beneath, on top of, beside)

#### Number Formation:

The children will be focusing on a number each week to practice forming correctly. This will make the children more familiar with the numerals in addition to forming them. Practice at home will further this development.



### 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.
- Bring numbers into all conversations!
- Numbers on buses, on houses, numbers in the shops.
- Ask numerical questions. During a shopping trip: "Can you put the bunch of bananas in to the trolley. How many bananas are there?"
- Practice writing numbers down with the correct formation.
- Group objects to support addition. "I have 3 blocks here and 4 blocks there. How many blocks in total?" "I have 7 blocks altogether. How do I know this?" "Because there are 5 blocks in this group and 2 in that group."

