



# EYFS - Autumn - Maths Knowledge Organiser



## What I will learn...

To know how to match and sort amounts.

To know how to compare amounts.

To know how to compare size, mass and capacity.

To know how to represent and compare 1, 2 & 3.

To know the composition of 1, 2 & 3.

To know how to use positional language.

To know the circle and triangle shapes.

To know how to represent numbers 4 & 5.

To know how to find one more and one less.

To know shapes with 4 sides.

To know how we use time.

To know how to explore pattern.

## Key Vocabulary

Representation	Using equipment or drawings to show a quantity or number.
Compare	To think about similarities and differences. To use language of 1 more than and 1 less than.
Composition	Numbers are made up of smaller numbers.
More	A greater amount of.
Less	A smaller amount of.
Circle	A shape with one curved side.
Triangle	A shape with 3 straight sides.
Square	A shape that has 4 equal straight sides and 4 corners.
Rectangle	A shape that has 4 straight sides and 4 corners.
Positional language	How items are positioned in relation to other items.

## Making a difference at The

In maths this term we will continue to incorporate practical learning experiences that follow the early 'number sense' principles, that will allow the children to develop their fluency, problem solving and reasoning skills. The children will experience playful opportunities that allow them to develop their conceptual understanding of number, time and shape through practical indoor and outdoor play experiences. Children will take a self-directed and active role in their learning through our continuous provision. Our natural environment will be used to explore shapes and positional language. The children will explore numbers to 5 through representing and investigate numbers to 3 through comparing and composition. Children will learn how numbers can be represented in a variety of ways and total amount of two groups. Children will participate in singing songs and rhymes. Children will physically move and manipulate resources to represent quantities and investigate the concept of more and less. These play opportunities will form the foundations for the introduction of pictorial mathematical experiences.

## Making a difference at home

- Represent numbers at home using objects around the house. Draw pictures to represent different numbers and quantities.
- Compare different quantities using 1 more and 1 less.
- Look for shapes in your environment.
- Talk about daily routines, think about day/night, morning/afternoon, today/tomorrow and before/after.
- To next to/beside/on/under to describe iobjects in relation to other objects.

