



# EYFS - Spring 1 - Maths Knowledge Organiser



## What I will learn...

- To know about the number 0.
- To know how to compare numbers to 5.
- To know the composition of 4.
- To know the composition of 5.
- To know how jotting can be used to present quantities and solve problems.
- To be able to subitize to 5.
- To know how to make direct comparisons of weight.
- To know how to use the language heavy, heavier than, heaviest, light, lighter and lightest when comparing weight.
- To know and understand how to make direct comparisons between full and empty.
- To know how to use the vocabulary full, half full, nearly full, nearly empty and empty.
- To order and compare representations of 6 and 7.
- To know how to combine amounts to 6 and 7.

## Making a difference at home

Talk the numbers you can see in the environment.

Show someone the different ways in which you can make 6 and 7.

## Key Vocabulary

Subitise	Recognize a the amount of objects in a small group.
Representations	Using objects or jottings to display a number/ quantity.
Mass	To understand weight.
Compare	To think about similarities and differences.
Quantity	The amount of something.
Composition	How a number can be made up of several smaller numbers.
Height	The measurement of something from base to top.
Length	The measurement of something from end to end.
Part Whole Model	Simple pictorial representation of how learners can see a relationship between numbers.

## Making a difference at The

Our **Mathematics** journey this term incorporates 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, through concrete indoor and outdoor play experiences. Children will take a self-directed and active role in their learning through our 'Travel Agent' and 'Vegetable 'Market' role play area. Our natural environment will be used to explore number through number hunts; representing number and number patterns using natural resources; practising the formation of number symbols using sticks in the mud and investigate mathematical concepts such as 'more' and 'fewer' in our school grounds. Children will physically move and manipulate groups of resources into sub-groups to represent quantities, combine small groups to make a larger group and compare amounts. These play opportunities will form the foundations for the introduction of pictorial and abstract mathematical experiences.

