



# Holy Family Halewood Foundation Stage Maths Reception



## Themes covered during the term:

Spring 2020/21



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Phase	Alive in 5!			Growing 6, 7, 8			Building 9 & 10		
Number	Introducing zero Comparing numbers to 5 Composition of 4 & 5			6, 7 & 8 Making pairs Combining 2 groups			9 & 10 Comparing numbers to 10 Bonds to 10		
Measure, Shape and Spatial Thinking	Compare Mass (2) Compare Capacity (2)			Length & Height Time			3D-shape Pattern (2)		

### The Counting Principles

- 1 The one-one principle. This involves children assigning one number name to each object that is being counted. Children need to ensure that they count each object only once ensuring they have counted every object.
- 2 The stable-order principle. Children understand when counting, the numbers have to be said in a certain order.
- 3 The cardinal principle. Children understand that the number name assigned to the final object in a group is the total number of objects in that group.
- 4 The abstraction principle. This involves children understanding that anything can be counted including things that cannot be touched including sounds and movements e.g. jumps.
- 5 The order-irrelevance principle. This involves children understanding that the order we count a group of objects is irrelevant. There will still be the same number.

### Learning Statements: Taken from DfE Development Matters 2021

#### EYFS Statutory Educational Programme:

*'By providing frequent and varied opportunities to build and apply this understanding, children will develop a secure base of knowledge and vocabulary from which mastery of mathematics is built'.*

#### **3 and 4-year-olds will be learning to:**

- Solve real world mathematical problems with numbers up to 5.
- Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5
- Notice and correct an error in a repeating pattern
- Talk about and explore 2D and 3D shapes

#### **Children in Reception will be learning to:**

- Count objects, actions and sounds
- Count beyond ten
- Explore the composition of numbers to 10.
- Understand the 'one more than/one less than' relationship between consecutive numbers.
- Continue, copy and create repeating patterns
- Compare numbers

### Core Vocabulary

- Numbers
- Count
- Subitise
- Estimate
- Compare
- Capacity
- Number bond
- More
- Fewer
- Pattern
- 3d Shapes
- How many?
- Shapes



- Link the number symbol (numeral) with its cardinal number value.
- Subitise.
- Compare length, weight and capacity

### Learning Opportunities

- Subitising groups of objects – recognising quantities by the shape of an amount
- Measuring objects / measuring heights of peers
- General times of the day – simple clock investigations
- Ordering objects according to criteria
- Comparing amounts of object / comparing numbers
- Recognising a number as an 'amount' – representing a number in variety of ways
- Recognising 'more' 'fewer' of a given amount.
- Exploring 3 shapes in construction
- Shape pictures

### Continuous Provision:

Equipment and resources continuously available to support Maths development:

- Maths area (indoor & Outdoor)
- Numbers in every area