



# Holy Family Halewood Foundation Stage Maths Reception



## Themes covered during the term:

Autumn 2020/21												
Week 1	Week 2	Week 3		Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<b>Getting to Know You</b>  Opportunities for settling in, introducing the areas of provision and getting to know the children.  Key times of day, class routines. Exploring the continuous provision inside and out. Where do things belong? Positional language.			<b>Phase</b>	Just Like Me!			It's Me 1 2 3!			Light and Dark		
			<b>Number</b>	Match and sort Compare amounts			Representing 1, 2 & 3 Comparing 1, 2 & 3 Composition of 1, 2 & 3			Representing numbers to 5. One more and less.		
			<b>Measure, Shape and Spatial Thinking</b>	Compare size, mass & capacity Exploring pattern			Circles and triangles Positional language			Shapes with 4 sides. Time		

### 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:

- Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle')
- Develop fast recognition of up to 3 objects, without having to count them individually ('subitising')
- Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5
- Compare quantities using language: 'more than', 'fewer than'
- Extend and create ABAB patterns – stick, leaf, stick, leaf

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

- Count objects, actions and sounds
- Count beyond ten
- Continue, copy and create repeating patterns
- Compare numbers
- Link the number symbol (numeral) with its cardinal number value.
- Subitise.
- Compare length, weight and capacity



### Core Vocabulary

- Numbers
- count
- Match
- Sort
- Compare
- More
- Fewer
- Pattern
- How many?
- Shapes

### Continuous Provision:

Equipment and resources continuously available to support Maths development:

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

### Learning Opportunities

- Matching selection of objects
- Sorting objects according to criteria
- Ordering objects according to criteria
- Comparing sets of objects
- Recognising a number as an 'amount' – representing a number in variety of ways
- Finding 1 more / 1 less of an amount
- Making patterns
- Shape pictures