

# Maths – Autumn 1 (Nursery)

**\*Planning is flexible as we are always ready to seize upon any opportunities/new experiences which may arise or children's interests\***

## **Learning Challenge/Cross curricular links:**

- Nursery rhymes and counting rhymes

## **Number**

### **30-50 months**

Uses some number names and number language spontaneously.

- Uses some number names accurately in play.
- Recites numbers in order to 10.

Knows that numbers identify how many objects are in a set.

- Beginning to represent numbers using fingers, marks on paper or pictures.
- Sometimes matches numeral and quantity correctly.
- Shows curiosity about numbers by offering comments or asking questions.
- Compares two groups of objects, saying when they have the same number.
- Shows an interest in number problems.
- Separates a group of three or four objects in different ways, beginning to recognise that the total is still the same.
- Shows an interest in numerals in the environment.
- Shows an interest in representing numbers.
- Realises not only objects, but anything can be counted, including steps, claps or jumps.

### **22-36 months**

Selects a small number of objects from a group when asked, for example, '*please give me one*', '*please give me two*'.

- Recites some number names in sequence.
- Creates and experiments with symbols and marks representing ideas of number.
- Begins to make comparisons between quantities.
- Uses some language of quantities, such as '*more*' and '*a lot*'.
- Knows that a group of things changes in quantity when something is added or taken away.

**(Objectives are met through continuous provision and focused activities)**

# Shape, Space and Measures:

## 22-36 months

Notices simple shapes and patterns in pictures.

- Beginning to categorise objects according to properties such as shape or size.
- Begins to use the language of size.
- Understands some talk about immediate past and future, e.g. '*before*', '*later*' or '*soon*'.
- Anticipates specific time-based events such as mealtimes or home time.

## 30-50 months

Shows an interest in shape and space by playing with shapes or making arrangements with objects.

- Shows awareness of similarities of shapes in the environment.
- Uses positional language.
- Shows interest in shape by sustained construction activity or by talking about shapes or arrangements.
- Shows interest in shapes in the environment.
- Uses shapes appropriately for tasks.
- Beginning to talk about the shapes of everyday objects, e.g. '*round*' and '*tall*'.

## Daily Maths Activities

- Days of the week - Today is ....
- Counting children in key person group
- Modelling counting as opportunities arise

(Objectives are met through continuous provision and focused activities)

# Maths –Weekly Focused Activities

## Week 1:

- General settling in

## Week 2:

- Number rhymes and counting 1-5
- Baseline assessment

## Week 3:

Number rhymes and counting 1-5  
Number puppy 1  
Baseline assessment

## Week 4:

- Reciting numbers to 10
  - Number puppy 2
- Baseline assessment

## Week 5: Assessment week

- Sorting number puppies according to size and colour
- Number puppy 3

## Week 6 and 7

- Number puppy 4
- Number puppy 5