



## The Maths Curriculum in Reception

### **Working mathematically**

By the end of Reception, children begin to solve simple problems involving addition and subtraction to ten through play or practical activities as well as using manipulatives and drawings. They will recognise the numbers to ten and be able to write them.

### **Number**

Counting and understanding numbers: Children will learn to count to ten through story, rhymes, songs and practical activities. Children will identify and represent numbers to ten using objects, pictures and models and be able to subitise them using tens frames. They will compare amounts and say which are more or less. They will recognise simple patterns and through this recognise odd and even numbers.

Calculating: Children will start to add and subtract using objects and be able to answer real life problems such as, "there are three bottles on the wall. If one falls off how many are left? They will be able to share a set of objects between two and double numbers to 5 using apparatus. They will be able to say what one more or one less than a given number is without using apparatus.

Fractions: Through play and hands-on resources, children will find and name half of an object.

### **Measurement**

Children will begin to use the language of measurement and use it to compare two objects or amounts for length, height, mass and capacity. This language will include tall/short, heavy/light, full/empty and fast/slow. They will use familiar non-standard objects to measure. They will learn to sequence familiar events during the day using before/after and earlier/later. They will be able to say the days of the week in the correct order. They will be able to describe coins to 10p and read the numbers on them

### **Geometry**

Children will sort, recognise and name common 2-D shapes, e.g. rectangles (including squares), circles and triangles and compare them using curved, straight, corner and side. They will recognise cubes, cuboids and spheres and be able to sort them by criteria such as will roll/will slide. They will describe position using appropriate language and be able to do half and full turns.

### **Statistics**

The children will make simple pictograms and gain basic information such as the most popular colour in the class is green.