



EYFS Maths Long Term Plan 2022-23

Autumn 1

As mathematicians:

Children will be introduced to the Maths-No Problem! Programme. The spiral approach to learning introduces key mathematical concepts which are revisited and built upon throughout the year.

The focus of this half term is matching, comparing, sorting and ordering quantities up to 10 in different contexts. To develop a deep understanding of numbers up to 10, children will explore counting, finding, comparing and identifying representations of amounts, they will also be exploring patterns within numbers to 10.

Maths for life:

Children will be introduced to the class calendar, discussing the day, date and month at register time. They will count how many children are in each morning, counting to the stopping number.

Spring 1

As mathematicians:

The focus of this half term is number and pattern and shape, space and measure. Children will continue to develop subitising skills, recalling one more and one less up to ten, number bonds to ten, partitioning, recognising and creating patterns, using rulers, comparing heights, developing capacity language of empty, full, half-full, nearly full and nearly empty. Children will explore 2D shapes and 3D shapes including a cube, cuboid, cylinder and sphere.

Maths for life:

At snack time, the snack of the day will have a price. This will lead to discussions about different ways to pay for the snack, coin recognition and working out how much change.

Summer 1

As mathematicians:

The focus of this half term will be counting, focusing on counting sequences, counting on a ten frame, counting on from any given number, counting backwards and counting to and from 20. We will also explore ordering numbers to 20, doubling, halving, sharing and odd and even numbers.

Maths for life:

Using books such as The Doorbell Rang, Baby Goes to Market, and One is a Snail and Ten is a Crab in continuous provision, children will complete a range of activities to develop their mathematical language, reasoning and problem solving through stories.

Autumn 2

As mathematicians:

The focus of this half term will be time (day and night, ordering events, days and birthdays) and composition of numbers one up to five. Children will learn to automatically recall number bonds up to five. Children will also learn about positional language, explore 2D shapes and find 2D shapes within 3D shapes.

Maths for life:

Using different mathematical resources such as counters, cubes and balancing scales, children will vote for their chosen story to read at snack time. This will lead to discussions such as more or less, tallest and shortest, heaviest and lightest.

Spring 2

As mathematicians:

Children will continue working through the Maths-No Problem! Programme.

The focus of this half term is number and pattern. This will include visualising zero, adding and subtracting zero, counting forwards and backwards, racing outdoors, introducing a five frame and a ten frame, adding to five and then adding to ten, subitising up to five and sharing.

Maths for life:

Using large ten frames, children will add their counter to the tens frame as they come into class each morning. This will develop subitising skills and lead to discussions of more than or less than, comparing how many children are in each day.

Summer 2

As mathematicians:

The focus of this half term is to explore mass, using the language heavy and light to compare masses. Children will also explore the volume of liquids, comparing capacities. In addition, children will learn about money including coin recognition, sharing money and giving change. They will learn about pictograms and collect, interpret and record data. We will also revisit some key concepts in preparation for year one.

Maths for life:

Children will demonstrate and apply what they have learnt including skills, concepts and vocabulary during their play.