



Mathematics at York Road Nursery School.

Mathematics is a key area of any child's everyday life, whether it consists of numbers, shapes or positional language. Maths is everywhere we look, as a result at York Road Nursery School we ensure every child is able to reach their full mathematical potential through a range of inspiring experiences.

Intent.

Maths is a vital part of our daily lives, at York Road Nursery School, we strongly believe that maths should be fun, engaging and interactive for every child within our setting.

Implementation.

At York Road Nursery School, we offer a wide variety of different mathematic experiences, to encourage and develop every child's individual maths learning and skills. These experiences can be found in the form of; counting the children within their class that day as the helper, number lines within the classroom, and making their own playdough with pictures with guidelines for measurements.

Maths is fundamental to children's overall development, and should be interact and engaging at all times. Children at York Road are exposed to a mathematic rich learning environment, with practitioners who use a wide range of mathematic language and vocabulary within every session undertaken at York Road. Looking at different snacks in the morning, who's apple is bigger? Is the orange a square? Are the grapes smaller then the raisins? Engaging and interacting with the children, provides endless opportunities to model mathematic language, and question the children's understanding.

Numbers.

At York Road Nursery, we support children's number skills through a variety of different ways, these include; counting the number of apples, bananas or grapes at snack time, number lines with number sequencing for the children to observe. Number recognition of children's birthdays allowing for different numbers to be discussed, numbers in the garden, and even on the front of the bikes. Numeral values, tuff tray activities including, placing the correct amount of wooden pegs upon the mirror numbers, or matching the amount of counting teddies to the numeral in the tuff tray. Numbers are explored further through children's different interests, and their maths learning is built and developed from there.

Shapes, space and measure.

Maths is not just about numbers, it is also about shape, space, measure, capacity, which can be taught through a range of different interactive experiences. Such experiences include those of; discussing if the child's water bottle or cup of milk is full, half full, or empty. Measuring and counting out the number of spoons of flour, and water that the children need to make play dough. Finding different coloured shapes out in the garden. Discussing with the children their timeline for the day, using now and next, supporting the children to learn their daily routine. Positional language can also be supported observing if the train is on top of the track, under the bridge, or next to the tree.

Impact.

When children leave York Road Nursery School they will have a solid foundation in maths skills, they are confident and keen to count, sort, order and talk about all aspects of the maths Early Years curriculum. Most importantly however, they have the belief that maths is fun!

Inclusion

Every child at York Road is unique. As a result of this we get to know the child as an individual, learning their interests and their individual needs. From the moment a child starts at York Road we will ensure that they are learning through play and the use of experiences on offer within the nursery. We understand that this may mean adapting experiences depending on children's interests and needs which is highlighted in our highly trained and experienced staff to enable children with Special Educational Needs to succeed and progress.



