Maths in the Early Years in the Rainbow Unit

In Nursery and Reception, teachers plan daily based on interests and needs of the children. Provision includes carpet session, free flow explore time opportunities, focus group teaching and up levelling of independent learning. This includes indoor and outdoor learning opportunities which ensure that children develop the mathematical skills from 'Development Matters' to support this we use the White Rose Maths and Numberblocks to support the teaching of maths.

We aim for children to have repeated mathematical experiences (in different contexts) so they learn in depth not superficially. They learn and develop in a stimulating and enabling environment with teaching and support from adults who respond to their individual needs and help build on learning over time. The children experience short, active and playful math's interactions during explore time that encourage sustained shared thinking.

Children are presented with a wide range of practical mathematical experiences. Children are encouraged to investigate number and problem solve. We aim for children to develop a confident and deep understanding of numbers to 10 before they extend this to higher number and for them to understand the relationship between pattern's within those numbers.

Children sing number songs, learn core number rhymes and use visual aids including numicon and tens frames, practical activities, stories and games. Appropriate mathematical language is used continually as children play in all areas of the curriculum. Children learn to identify numbers, quantities, shapes and colours. Children are taught to quickly recognise and name numbers in a group without counting and recognise a smaller group within a larger group, this is an important part of developing early number sense.

Although most of the learning is practical children will have opportunities to record and form numbers. They will play mathematical games, talk about numbers, shapes, quantities and give solutions to mathematical problems.