

Early Years Maths Intent

Mathematics is essential to everyday life, critical to science, technology and engineering, and necessary for financial literacy and most forms of employment. A high-quality mathematics education therefore provides a foundation for understanding the world, the ability to reason mathematically, an appreciation of the beauty and power of mathematics, and a sense of enjoyment and curiosity about the subject. We aim for all children to become secure mathematicians and develop a love of learning.

In Early Years, Mathematics involves providing children with opportunities to develop and improve their skills in counting, understanding and using numbers, calculating simple addition and subtraction problems; and to describe shapes, spaces, and measure. At Davyhulme Primary School, Mathematical resources are provided in all areas of the classrooms, indoors and outdoors to ensure children have ongoing opportunities to access Maths at all times. Practitioners are focused on making mathematics engaging and exciting and children's interests are followed to make their learning relevant. Practitioners offer a balance of child initiated and adult led learning using continuous play and small group activities. Activities are multi-sensory and 'hands on' – providing the opportunity for children to explore and develop their thought process, which enables children to become excellent problem solvers. Practitioners have high expectations and ensure there is no limit to a child's learning experience. Pupils who grasp concepts rapidly are challenged through rich and sophisticated problems before any acceleration through new content. Those who are not sufficiently fluent with earlier material are given time to consolidate their understanding, through additional practice, before moving on to ensure that all children are masters of maths.