

Statement of Intent

Mathematics

At Ox Close Primary we have high expectations and believe that all children have the ability to achieve in maths. We have implemented the 'Mastery for All' approach which allows the children to develop a deepened understanding of Maths through the five key principles of Fluency, Variation, Mathematical Thinking, Coherence, Representation and Structure. Fundamentally, this rests on the belief that all children can and indeed must be successful in the study of Mathematics. Mathematics is for everyone at Ox Close Primary School.

We value the importance of Maths and want children to work collaboratively, independently and show resilience in tackling problem solving across the curriculum, including real life contexts. At Ox Close Primary School we provide opportunities for children to become fluent in the fundamentals of mathematics, including through varied and frequent practise with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately. This is essential in providing children the building blocks upon which they base their learning.

A high-quality mathematics education therefore provides a foundation for understanding the world, the ability to reason mathematically and appreciation of the beauty and power of mathematics and a sense of enjoyment and curiosity about a subject.