

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' 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 want children to achieve a secure and deep understanding of mathematical concepts. They are given opportunities to become fluent in the fundamentals of mathematics, through varied and frequent practise with increasingly complex problems over time, providing children with the building blocks upon which they base their learning.

Pupils are provided with the opportunity to develop their conceptual understanding and the ability to recall and apply knowledge rapidly and accurately. Children are encouraged to consistently use mathematical vocabulary in their explanations in order for them to articulate their reasoning effectively.

We believe that a high-quality mathematics education 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. This is what we aim to achieve with all pupils at Ox Close Primary School.