



Moor First School

Maths

'Together we unlock potential and learn for life.'

Intent

At Moor First School, it is our intent to provide a powerful, ambitious and carefully sequenced mathematics curriculum that enables all pupils to become fluent, confident and competent mathematicians. Rooted in our school motto, '*Together we unlock potential and learn for life*', our mathematics curriculum reflects our commitment to high expectations, inclusion and lifelong learning.

We aim to develop pupils who are fluent in the fundamentals of mathematics, with a secure conceptual understanding and the ability to recall and apply knowledge accurately and efficiently. Pupils are supported to reason mathematically and solve problems by applying their knowledge to a range of increasingly complex contexts. Through this, they become resilient learners who are willing to take risks, explain their thinking and learn from mistakes.

Our mathematics curriculum is designed to be knowledge-rich, vocabulary-rich and progressively sequenced, ensuring that key concepts are carefully planned and built upon over time. Learning is structured to enable pupils to make meaningful connections between mathematical ideas, strengthen understanding and retain key knowledge in their long-term memory. This supports children to *know more, remember more and apply their learning with increasing confidence and independence*.

Implementation

At Moor First, we follow the White Rose mixed-age curriculum, this supports a mastery approach to mathematics, where learning is broken down into small, manageable steps and pupils secure a deep understanding before moving on. Teaching is underpinned by Rosenshine's Principles of Instruction, ensuring that prior learning is regularly reviewed, new concepts are clearly modelled, and pupils are supported



through guided practice before moving to independent application. This consistent approach supports all learners, including those with SEND, to access the curriculum successfully.

The curriculum is carefully structured to ensure clear progression and coherence across our mixed-age classes, so that all pupils develop a secure understanding of mathematical concepts regardless of their starting point. Pupils build on prior knowledge, make connections across topics and apply learning in a range of contexts, supporting fluency, reasoning and problem solving in line with the National Curriculum.

We are committed to continually developing high-quality mathematics teaching. As part of this, Moor First School is currently working closely with the local Maths Hub to further strengthen our mastery approach, ensuring teaching is informed by current research, best practice and high-quality professional development. This supports staff in refining their subject knowledge, pedagogy and use of representations to promote deep mathematical understanding for all pupils.

In line with our whole-school curriculum principles, mathematics teaching promotes:

- Clear progression of knowledge and skills
- Careful sequencing through small steps learning
- Regular retrieval and connection of prior learning
- Rich mathematical vocabulary to support reasoning and explanation
- High expectations for all learners, including SEND
- Opportunities for reasoning, problem solving and critical thinking

Impact

Ultimately, our aim is for pupils to leave Moor First School with a strong foundation in mathematics, a secure understanding of key concepts and the confidence to apply their knowledge in a range of contexts. They will be well-prepared for the next stage of their education and equipped with the skills needed for everyday life and future learning.