

Mathematics:

Introductory Statement

Maths is an integral part of children's development:

“mathematics is a creative and highly interconnected discipline that has been developed over centuries, providing the solution to some of history's most intriguing problems. It is essential to everyday life, critical to science, technology and engineering, and necessary for financial literacy and most forms of employment.”

Our high-quality mathematics curriculum 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 use a 'block' curriculum to ensure that coverage of all key areas is delivered throughout the year, alongside this we deliver regular 'skills' sessions to support the retention of key concepts.

Maths is taught discreetly, however, where appropriate, links are made to our topic-based units of work. Pupils develop their understanding of fluency, reasoning and problem-solving in line with our mastery approach to learning.

The mastery approach ensures that; pupils build upon skills taught in previous terms and years and develop a deeper understanding of how this knowledge can be applied.

Each unit is assessed in a variety of ways to ensure pupils needs are being met. We use Sumdog and LBQ (Learning by Questions) alongside the NCETM and DFE Ready to progress materials to provide a comprehensive picture of maths across the school. White Rose 'End of block' and 'Termly' tests are used to support teachers assessments of children's progression towards the end of year targets.