



Mathematics at Wolverton Primary School

Intent

We want pupils to actively engage with mathematics to develop competency and confidence in mathematical knowledge, concepts and skills in order to equip them for everyday life. Emphasis is placed on creating a coherent sequence of small steps for each mathematical concept. The use of precise mathematical language and skilful questioning enables pupils to demonstrate their understanding and teachers to address misconceptions.

Aims for Mathematics

Our aims are aligned with those set out in the national curriculum: fluency, reasoning and problem-solving.

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 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.

Impact

Explicit learning objectives and success criteria are shared with the pupils at the beginning of each lesson. Pupils' learning and understanding is assessed against these objectives which link directly with the NC objectives and this is used to inform short term plans. End of unit assessments are carried out to provide summative judgements which are used to inform future planning and intervention. Leaders conduct regular monitoring activities to establish impact across the school.

Implementation

The White Rose Maths Scheme of Learning provides the basis on which staff begin to plan their lessons. Concepts are delivered in blocks designed to give sufficient time for pupils to explore and understand concepts in depth. To enable children to revisit concepts and ensure number fluency, the scheme interweaves prior content with new concepts. Termly overviews enable teachers to sequence maths lessons within each class and ensure coverage of the national curriculum across the year and the school.