

“Mathematics is a creative and highly inter-connected 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. A high-quality mathematics education 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.”

National Curriculum 2014

Maths Vision Statement

At Abbeyfield Primary Academy, we have adopted a mastery approach to teaching and learning in mathematics. Mastery is not just being able to memorise key facts and answer test questions quickly; instead, mastery involves knowing how and why the mathematics works. It means being able to use mathematics knowledge in new and unfamiliar situations. To support children in achieving this, we use a combination of *INSPIRE Maths and *White Rose materials.

At Abbeyfield, we want children to become fluent mathematicians who can problem solve and reason confidently. We aim:

- To provide interesting and well planned work to promote children’s enjoyment of Mathematics
- To develop children’s mathematical thinking and conceptual understanding
- To deepen the understanding of all children
- To help children acquire and apply the mathematical skills necessary for solving problems
- To develop children’s confidence in Mathematics
- To prepare our children for applying their skills effectively in everyday life situations, in their future learning and in the work place.
- To give all the children building blocks in place to provide a solid foundation to lead onto secondary, further and higher education, and ultimately to independent adult life.

In EYFS, children’s mathematics learning is on-going and is assessed against the Early Learning Goals. At Abbeyfield, we give children a range of real and purposeful opportunities to develop their understanding of mathematics. Children are encouraged to use, talk about and explore mathematics in a positive environment. We use practical resources like Numicon and base ten frames as well as pictures and models to master key concepts.



**INSPIRE is a whole-school primary maths programme that supports deeper thinking, in line with the higher expectations of the National Curriculum.*

**White Rose resources are also used to both support and challenge children’s understanding.*