

Rodbourne Cheney Primary School Maths Vision



Mathematics is an important creative discipline that helps us to understand and change the World. We want all pupils at Rodbourne Cheney Primary School to experience the beauty, power and enjoyment of mathematics and develop a sense of curiosity about the subject.

At Rodbourne Cheney Primary School , we foster positive ‘can do’ attitudes, believe all children can achieve in mathematics, and teach for secure and deep understanding of mathematical concepts. We use mistakes as an essential part of learning and provide challenge through rich and sophisticated problems before acceleration through new content.

We aim for all pupils to:

- + Become fluent in the fundamentals of mathematics so that they develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately.
- + Can solve problems by applying their mathematics to a variety of problems with increasing sophistication, including in unfamiliar contexts and to model real-life scenarios
- + Can reason mathematically by following a line of enquiry and develop and present a justification, argument or proof using mathematical language.
- + Have an appreciation of number and number operations, which enables mental calculations and written procedures to be performed efficiently, fluently and accurately to be successful in mathematics.