

Vision for Maths

In mathematics, we promote excellence and happiness for all by providing children with a rich and stimulating curriculum, enabling them to achieve confidence and competence - mastery - in mathematics.

We believe that all children are capable of achieving high standards and we use carefully planned lessons and resources to foster deep conceptual and procedural knowledge. We aim to ensure that all pupils become fluent in the fundamentals of mathematics and develop a life-long love of learning in this subject.



Fluency

We aim for children 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.

Mastery

We teach for mastery in mathematics. Our school approach enables pupils to develop a deep, long-term, secure and adaptable understanding of this subject at every level of their learning.



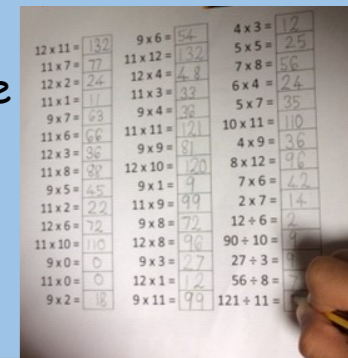
Mathematics

Reasoning

We encourage children to reason mathematically by following a line of enquiry, exploring relationships and generalisations, and developing an argument, justification or proof using mathematical language.

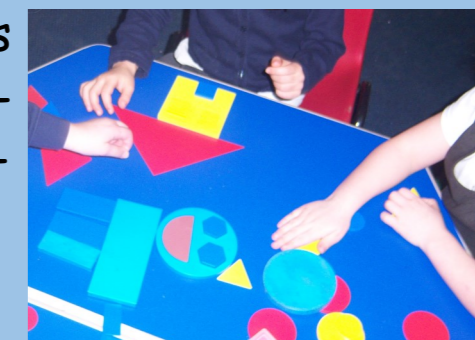
Times Tables

Fluency with times tables supports calculations and helps understanding of other aspects of maths such as fractions, decimals and percentages. By the end of Year 4, children are expected to know the tables up to 12×12 .



Maths in Early Years

Children begin to master maths through a rich and varied range of practical activities both inside the classroom and in the stimulating outdoor area.



Problem Solving

Children are taught to solve problems by applying their mathematics to a variety of problems with increasing sophistication, including breaking down problems and persevering in seeking solutions.