

Maths Intent Statement

Our curriculum for mathematics aims to ensure that all pupils:

- become fluent in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately
- reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- can solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions

Our curriculum encourages pupils to talk about their mathematical reasoning, which is a key factor in developing mathematical vocabulary and presenting a mathematical justification, argument or proof. In this way pupils learn to make their thinking clear to themselves as well as others, and teachers ensure that pupils build secure foundations by using discussion to probe and remedy any misconceptions.