

Subject Vision

Mathematics provides students with skills that are essential to be fit and ready for their future. We provide a foundation for understanding maths through problem solving and discovery, developing curiosity, nurturing resilience and fostering enthusiasm for the subject. We encourage pupils to calculate effectively, reason mathematically, appreciate mathematical relationships and develop financial literacy.

Aims:

- 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.

