

# Why study Maths?

All teachers aim to develop students' knowledge, skills and understanding of mathematical methods and concepts by ensuring that:

- Students acquire, select and apply appropriate mathematical techniques to solve problems.
- Students reason mathematically, infer, analyse and make deductions.
- Students comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the context.

**As a team we:**

- Understand that students develop at different ages and hence regularly revise and reinforce skills in a wide range of contexts.
- Understand the place of mathematics across the curriculum and in the wider world, we regularly link transferable skills with other subjects and careers.
- Enable students to apply mathematics to everyday life with confidence, whether that be reading train and bus timetables, working out how much change they should get, calculating how much paint is required to cover the area of a wall or working out budgets.
- Instil a passion for mathematics and an understanding of its great importance in our world, thus motivating students to continue study at A level and beyond.