

Mathematics Department

Overview of KS3

The breadth of work in these two years aims to:

- Enable all students to achieve
- Focus on the 'big themes' of mathematics
- Allow time to investigate and explore mathematics, solving problems and learning to communicate mathematically, in particular through written work
- Make explicit the links between different areas of mathematics
- Contain quality rich tasks and problems
- Enable potential heavy users of mathematics to experience depth, rigour and challenge rather than acceleration through content
- Acknowledge that mathematics has a rich history and is still developing
- Allow regular opportunity to practise and consolidate key skills
- Have rigorous assessment opportunities that focus on student mastery

We want students to enjoy mathematics and feel confident and positive about studying the subject.

Students focus on mastery and fluency in number work, but also begin to investigate algebra, ratio and proportion and geometry.