



## Our Mathematics Department

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### **Our Curriculum Vision**

We have recently adopted a mastery approach for our Year 7 pupils and intend rolling this out throughout the different year groups. We encourage mathematical discussion and look for different ways to apply our new-found skills, particularly in problem style environments. We are always forward thinking, looking for new ways to engage pupils so we can ensure the best outcome for our pupils when they leave.

### **Staffing**

The Mathematics department consists of eight full time teachers, including the Head of Maths, Second in Maths, Numeracy Co-ordinator and Lead Teacher. This forms the Maths Leadership Team that aims to drive further improvements in Learning and Teaching. Members of the department collaborate well together and enjoy each other's company both in school and socially.

The department has an excellent reputation with both pupils and staff. Teaching and Learning is paramount to the success of the department, and new initiatives introduced this year includes "live" marking, which has reduced the need for taking books home to mark but gives more regular and quality feedback to pupils. This has improved the work/life balance of our staff and allowed them to spend more time creating interesting and stimulating lessons for pupils.

### **Curriculum and Specifications**

The Mathematics department delivers the OCR syllabus at GCSE. Decisions are made at the beginning of Year 10 as to whether pupils will follow Foundation/Higher syllabus, but this is regularly reviewed to ensure that pupils are challenged but not overfaced.

### **Extra-Curricular and Enrichment Opportunities**

The department organises enrichment events such as the UKMT team and individual challenges to push the most able. The Stock Market Challenge at Manchester Met University is used to stimulate and encourage Disadvantaged pupils to consider Higher Education and the applications that maths can have.

### **Environment and Resources**

There are seven fully equipped classrooms, each with a brand new C-Touch board, easy access to ICT facilities and a Maths staffroom. All resources for both KS3 and KS4 are shared, with a clear and easy to follow scheme of work and fully differentiated resources for each lesson.

### **Professional Development Opportunities**

All members of the department are expected to continue to learn and develop their talents. They have attended courses such as 'Grow your Own Talent', NPQSL and various other courses run by the North West Maths Hub. CPD opportunities are offered throughout the year, tailored to suit the needs of the individual.