The Holy Trinity
Church of England Secondary School

DEPARTMENT Details: Maths

The Maths Area of Learning has consistently achieved good ALPS scores in 6th form.

The last Ofsted report from April 2018 states that: *"Recent support from an outstanding school had contributed well to these improvements in mathematics. The schemes of work are well written and lesson planning more challenging and focused."*

The department takes a collaborative approach and values each individual's skills, interests and strategies for teaching and learning. We welcome new ideas and look forward to the involvement of the person appointed in our on-going drive to raise standards even further. We are justly proud of our achievements and believe that our continued successes are due to enthusiasm, commitment and continuous development.

We continually evaluate and develop the materials and texts which we use in order to motivate and best meet the needs of all our students and staff. We believe that good teaching using a variety of appropriate strategies promotes engagement and good behaviour. We encourage students to take responsibility for their own learning and we provide regular opportunities for self and peer assessment.

We value and invest heavily into the professional development of the teachers within the department and encourage colleagues to widen their areas of interest and expertise. All staff are supported through the line-management system and the school has a well-respected induction programme for new staff, who are also mentored by a colleague within the department.

STAFFING STRUCTURE and who's who

There are currently 11 full and part-time members including:
Leader of Learning: Sarah King
Key stage 3 Co-ordinator: Hayley Buchanan
Key Stage 4 Co-ordinator: Laura Johnson
Key Stage 5 Co-ordinator: Reza Ghanavati
Lead Practitioner: Katie Rogers
Intervention teacher: Vicky Humphrey
A specialist HLTA: Sally Burgess

All staff teach across the Key stages.

Courses and Exam Boards

We offer Edexcel Maths at GCSE and begin teaching the Maths GCSE at the start of year 9. Usually a small number of lower ability or vulnerable students are also entered for an Entry Level or Functional Skills qualification. This year we have also offered AQA Level 2 Further Maths in year 11.

In the 6th form we offer A level Maths, Further Maths and Mathematical Studies. We also offer GCSE retake for those students for did not gain a grade 4 in the summer exam series.

Development Plan Priorities

In line with the Whole School Improvement Plan, the Area of Learning priorities for this academic year in summary are:

Key Stage 5
- Introduce A-Level statistics at A-Level
- Improve outcomes in in retake Maths GCSE

Key Stage 4
- Continue to develop Level 2 Further Maths
- Create a project based scheme of work for the Cambridge group
- Meet 9-5 and 9-4 targets in Summer 2022
- Create key word lists and review sheets for all units

Key Stage 3
- Embed Mastery at Key Stage 3
- Embed consistent approach to split classes

Additional Department Specific Information

Key Stage 3
In Years 7-8 pupils are split into two half-year groups. In Year 7, we do a baseline assessment and then set the students into ability groups. There is some movement between the sets as appropriate. We follow the White Rose scheme of work at key stage 3 with the focus on mastery.

Key Stage 4
Students start their GCSE program of study in Year 9 with the year groups still split into two half-year groups. We have 2 higher sets and 2 foundation sets on both sides of the year group.

Key Stage 5
Key stage 5 classes are generally shared between two teachers. The results at A-level are good with the hope to have an increase in the number of students studying maths when we introduce statistics next year.

Accommodation; Events, Enrichment and Links

We have 9 dedicated Maths classrooms all with interactive whiteboards. We have one classroom with 15 computers, and also have good office facilities for all of our staff. To support our delivery of the Edexcel GCSE, we are part of a wider network of local schools following this specification. Each member of staff is issued with a laptop to help with the preparation.
We participate in the UKMT Maths challenge for all key stages and also offer an afterschool Maths Hub for students to get support with homework and understanding.