



## **TRINITY CATHOLIC HIGH SCHOOL (Science & Sports College)**

**Headmaster:** Dr P C Doherty OBE, BA (Hons), DPhil (Oxon), FRSA

**Website:** <http://fc.tchs.uk.net>

### **About the Mathematics Department**

It is our vision that students will enjoy solving mathematical problems and will be naturally curious about the subject. We encourage our students to exchange questions and ideas and to be at ease reflecting on their own mistakes and misconceptions. Our students accept that their mathematical ability is not fixed, but can continually grow their abilities through the regular grappling of appropriate mathematical problems.

We are a strong team of mathematics teachers who work in a collaborative manner to enhance the mathematical education of our students.

#### **Key Stage 3**

We follow the national curriculum and utilise Collins Frameworking series of textbooks. We also make use of the Making Sense of Maths series particularly when introducing topics for the first time. We have a detailed scheme of work that links rich problems so as to encourage the development of student's problem solving ability.

We are introducing the Maths Mastery programme from September 2018.

#### **Key Stage 4**

We teach the Edexcel (9-1) syllabus at GCSE and use the Collins series of textbooks. At GCSE we work in a collaborative manner to ensure that all teachers have the resources they need to focus on teaching and learning. Our top set is also prepared for the GCSE Statistics paper.

Class sizes are on average 27 and the groups are set by academic prior attainment.

#### **Key Stage 5**

We also use Edexcel for our A Level Mathematics and Further Mathematics courses. A Level Mathematics is a popular A Level and we have eight A Level groups in total.

We also offer Core Mathematics to our sixth form students.