



## **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 Science Department**

The Science Department at Trinity is composed of a Head of Department, a Deputy with KS4 responsibilities and an assistant KS4 coordinator, 3 teachers in charge at KS5 (i.e. KS5 Physics, Chemistry and Biology) and a Teacher with KS3 responsibilities. Additionally there is a Science Teacher with whole school STEM responsibilities and another teacher who is responsible for Gifted and Talented provision across the school. There are fourteen members of staff in the Science Department who are supported by four technicians and one admin assistant.

There are twelve well equipped laboratories - six on the Upper Site and six on the Lower Site. On the Upper Site three of the laboratories are designed and equipped for the teaching of Chemistry, Physics and Biology to A-level. In addition there are three General Science laboratories. The Lower Site has six General Science laboratories where the majority of KS3 Science teaching takes place in addition to some KS4. Two of these are newly built and one of the laboratories called the 'Padua Centre' is a Norwegian style pine building, purpose built as an environmental centre and situated in the newly created nature reserve and pond area of the Lower Site. All laboratories on both sites have access to laptop computers and ceiling mounted projectors, and most laboratories have been fitted with Promethean interactive whiteboards.

#### **Key Stage 3**

We teach the KS3 Science curriculum to year 7 and year 8 students. Class size is 30 and the groups are mixed in ability. We use Activate Science textbooks with Kerboodle access.

#### **Key Stage 4**

We teach the new AQA (9-1) Combined Science Syllabus from year 9 to year 11. Students also can chose to study the separate sciences at the end of year 9. Class sizes are about 22 students.

#### **Key Stage 5**

We teach the AQA Physics (7408), Chemistry (7405) and Biology (7402) syllabi. All the science's are very popular choices at A level.

All students have access to Doodle across all Key Stages and our schemes of work are available to all students using the school's VLE platform; "FirstClass". Students are given challenging exam targets and we pursue success in examinations with great vigour. The Science department is close knit and works in a collaborative and friendly manner.