



St Philomena's

Catholic High School for Girls

ST PHILOMENA'S CATHOLIC HIGH SCHOOL FOR GIRLS THE MATHEMATICS DEPARTMENT

The Mathematics Department in this popular and successful 11-18 girls' Comprehensive school consists of 8 full-time staff and the Director of Learning. The Department enjoys excellent accommodation with interactive whiteboards in every classroom and priority access to one of the school's computer rooms.

In Key Stage 3 we follow our own schemes of learning based on the National Curriculum and incorporating the main features of the National Strategy.

Students begin studying for GCSE in Year 9.

In Key Stage 4 all students follow an Edexcel GCSE course with 24.9% of students attaining 9-7 grades and 82.5% gaining 9-5 grades 2016/2017. The students are set within ability bands and all follow the Edexcel Linear specification. In Year 11 a group of able mathematicians also study the OCR Additional Mathematics qualification.

In Years 12 and 13 we follow the Edexcel syllabus in Pure Maths, Mechanics, Statistics and Decision; leading to A Level qualification in both Mathematics and Further Maths. Last year 60% of students gained A*-B grades at A level. At Further Mathematics 100% students achieved A*- B grades.

The students take part in National Mathematics Challenges at Junior, Intermediate and Senior Level, in The Royal Institution Mathematics Masterclasses for Young People in Year 9 and World Arena Test for Most Able students in Year 9. Able Mathematicians in Years 12 & 13 take part in a Regional Maths Circle to encourage uptake of mathematics at HE level.

Curriculum Time

Years 7 and 8 have four 45-minute periods of mathematics each week.

Lower ability groups in Key Stage 4 have five periods of mathematics whilst higher ability groups have four. The lower ability band is placed in four sets for mathematics (three for other subjects).

In the Sixth Form there are six periods in both Year 12 and 13.

The department operates as a close-knit team, with all staff agreeing to their contribution towards formulating policy and supporting the importance of Mathematics in the curriculum.

We are seeking a well qualified Mathematics teacher, able to contribute across the full range of ages and abilities, willing to develop and work as part of a well qualified and dedicated team.

Every member of staff receives an iPad and students in Years 7-11 have an iPad in lessons under the Anytime, Anywhere Learning Scheme.

Management and Leadership CPD opportunities are available.