



# 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, the Director of Learning and two part time members of staff. The Department enjoys excellent accommodation with interactive whiteboards in every classroom.

In Key Stage 3 we follow our own schemes of learning based on the National Curriculum and incorporating teaching maths for mastery.

Students begin studying for GCSE in Year 9.

In Key Stage 4 all students follow an Edexcel GCSE course with 15% of students attaining 9-7 grades and 87% gaining 9-4 grades 2017/2018. 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 47% of students gained A\*-B grades at A level. At Further Mathematics 25% 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.

#### **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 to lead the department, who is able to teach across the full range of ages and abilities,

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

Management and Leadership CPD opportunities are available.