



## **Mathematics at the Sacred Heart Language College**

The study of Mathematics gives access to an immensely rich cultural heritage that cuts across all human boundaries. Mathematics is unique in its academic rigour and intellectual challenge. In this Department we are committed to each pupil leaving the school with the Mathematics required to move to the next stage of her education.

### **Aims of the Department:**

- To promote numeracy and confidence in handling mathematical ideas in ordinary life.
- To learn how to use mathematics in scientific and technical fields.
- To develop and encourage the ability to handle abstract concepts.
- To appreciate the advantages the quantitative approach brings to a wider range of real life problems.

### **Organisation:**

- Five well resourced rooms, linked to the network, with an interactive whiteboard in each room
- Pupils are set in Year 7 according to prior attainment, CATs, class assessments and professional advice
- Six specialist teachers
- All teachers are ICT literate.
- The scheme of work promotes problem-solving and reasoning skills. The work covered prepares pupils for the Edexcel Board GCSE.
- The percentage of pupils achieving grades 4-9 is above the national.
- All pupils sit for the GCSE examination.
- Pupils are assessed regularly and progress monitored to ensure every pupil is making the progress expected.
- The results for the past five years are as follows:

	2016	2017	2018	2019	2020	2021
GCSE A* to C	86%					
GCSE 9-4		78%	87%	86%	88%	92%