



Science at the Sacred Heart Language College

The Science Department at the Sacred Heart Language College is a highly successful department within the school. Our examination results are well above the national average at KS4.

Aims of the Department

As a result of our teaching, pupils should develop:

- Secure knowledge and understanding of Science, which they can apply to unfamiliar situations.
- The skills of imaginative and disciplined Scientific enquiry.
- An awareness of how the applications of Science affect our lives and the world around us.
- Interest and curiosity about Science.
- An ability to work safely and show respect for living things and their environment.

Organisation

- Four well resourced laboratories and a designated Science classroom with easy access to all facilities; all teaching areas have IWBs. Our Science classroom has 15 computers, and we also have access to a well-equipped study centre and other ICT rooms within the school.
- 5 full-time and 2 part-time specialist teachers. 1 full time science technician. We work very well as a team and collaborate to share our expertise and resources.
- At KS3 the Scheme of Work is based on the National Curriculum. We ensure pupils have both the knowledge and skills required to prepare them for GCSE, whilst also encouraging their curiosity and love of Science.
- At GCSE pupils follow the AQA Science specification. The majority of pupils complete the Combined Science Trilogy Course, and some students study the Separate Science course.
- We adapt resources appropriately to ensure we meet the needs of all, and to ensure all learners are challenged.

GCSE Results

GCSE 9-4	2019	2020	2021	2022	2023
BIOLOGY	93%	100%	100%	100%	100%
CHEMISTRY	95%	100%	100%	100%	100%
PHYSICS	100%	100%	100%	100%	100%
Combined Science	80%	91%	95%	92%	90%