Formby High School
Sixth Form

A Level Chemistry

Why study Chemistry at Formby High School?

Chemistry is the core science bridging the gap between Physics and Biology. It seeks to find solutions for society's problems such as sustainability and energy supply. There are many careers in Chemistry but even if you are looking for a job in another field, the numeracy and problem solving skills gained are invaluable.

AQA A Level Chemistry is designed to encourage you to:

- Gain hands-on practical skills and data analysis skills
- Appreciate how science works and its relevance beyond the laboratory
- Demonstrate a synoptic understanding
- Study Chemistry in a contemporary context

Chemistry at Formby High School is taught by knowledgeable, enthusiastic and supportive staff with a consistent record of outstanding examination results. Our science facilities are excellent with lessons taking place in recently refurbished laboratories and students having access to a wide range of resources. Over recent years, our science students have been successful in the Nuffield Bursary programme. Each year, we also enter a team into the Merseyside Young Analyst Competition at the University of Liverpool.

What does the course involve?

As an A Level Chemistry student, your course will include:

- Specialist lessons in state-of-the-art laboratories
- Individual study sessions and practical work
- Investigative and practical skills assessments
- Use of computer databases, data-logging, spread sheets and the internet

A Level Chemistry involves aspects of Inorganic, Organic and Physical Chemistry.

Throughout the two year course there are 12 compulsory assessed practical activities which are completed to gain the practical skills accreditation that most university science courses will require. Other practical activities will also be completed to support learning.

What can the qualification lead to?

The nature of this course makes it an ideal preparation for further study in Pure or Applied Natural Sciences; for example Medicine, Dentistry, Veterinary Science, Engineering, Sports Physiology and Food Science. It also prepares you for employment in any appropriate field of life sciences.

What are the entry requirements?

Students require a grade 6 in GCSE Chemistry or two grade 6s in GCSE Trilogy Science and a grade 6 in GCSE Mathematics.

Which other subjects complement Chemistry?

- Biology
- Physics
- Mathematics
- Geography
- Physical Education
- Engineering

Student Viewpoint

"Each topic in the Chemistry syllabus is intriguing and the lessons are always engaging. The course can be challenging but the teachers are willing to spend time to help you understand. The Chemistry Department offers many opportunities to show the different careers available after education, such as a chemical engineering trip that I recently attended. These are some of the reasons why I recommend taking A Level Chemistry."

Courses will require a minimum number of five students in order to run.