



A Level Chemistry



Examination Board:

AQA

Assessment:

The subject is assessed through three final exams taken at the end of two years of study.

Why Study Chemistry?

Chemistry helps us to understand the world in which we live and underpins a wide range of science-based degree courses and careers. Success with A level chemistry will prepare you for a future in chemistry, pharmacy, pharmacology, chemical engineering, biochemistry, biomedical sciences, medicine and dentistry. This course is designed to be stimulating, enjoyable and challenging. We want you to develop a passion for the subject and understand its practical relevance, as well as learn from the experiences of those already in the industry.

Class time is supported by trips, conferences and workshops provided by GSK and industry visits.

Your Future Pathways

Studying an A-level Chemistry related degree at university gives you all sorts of exciting career options, including: • Analytical chemist • Chemical engineer • Clinical biochemist • Pharmacologist • Doctor • Research scientist (physical sciences) • Toxicologist • Chartered certified accountant • Environmental consultant • Higher education lecturer • Patent attorney • Science writer • Secondary school teacher

What Will I Study?

A-level Chemistry covers a wide variety of basic concepts such as the structure of the atom; the interaction of matter and energy; how to control reactions; patterns in the Periodic Table and understanding carbon-based molecules. Amongst topics you will learn new knowledge and skills and build on GCSE Chemistry, in order to understand and apply ideas. Many topics include mathematics calculations, so you should feel comfortable using equations and numbers. Chemistry is a hands-on science and you will carry out experiments regularly in order to consolidate class work but also to build your skills and confidence in completing safe and accurate practical work. Chemistry A-level is a highly respected A-level as a variety of skills are tested, see below for which subjects compliment A- level Chemistry.