

CHEMISTRY



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Studying A-level Chemistry provides students with a deep understanding of the substances that make up our world and how they interact, offering essential knowledge for careers in medicine, pharmacy, environmental science, and engineering. It develops critical thinking, problem-solving, and practical lab skills that are highly valued across many industries. As a respected and challenging subject, Chemistry strengthens university applications and opens doors to a wide range of STEM and non-STEM career paths, while also helping students make sense of everyday phenomena—from cooking and cleaning to climate change and drug development. It is assessed through three exams at the end of the two year course.

Enrichment Opportunities

Imperial College London STEM Summer School
University of Oxford UNIQ Programme
UK Chemistry Olympiad
Royal Society of Chemistry's Top of the Bench
Cambridge Chemistry Challenge
Chemistry in Action



CHILDWALL
SPORTS &
SCIENCE ACADEMY



A-LEVEL

Residential Opportunity

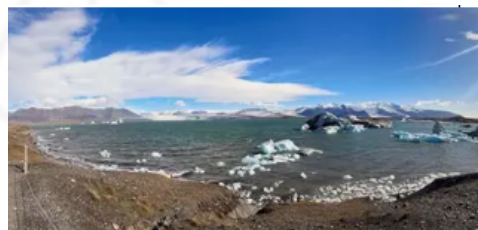
Four Day trip to Iceland including:

Golden Circle Tour:

- Thingvellir National Park
- Geysir geothermal area (Strokkur geyser erupts every 5 minutes)
- Gullfoss waterfall

Sustainability Visits:

- Geothermal power stations
- Geothermal greenhouses



Work Experience Opportunities

University of Liverpool – Central Teaching Laboratories
Study Mind - London

Related Higher Education Courses

- Chemistry (BSc)
- Biochemistry
- Pharmaceutical Sciences
- Medicinal Chemistry
- Forensic Science
- Chemical Engineering
- Materials Science

ENGAGE, ENABLE, EMPOWER