

Chemistry



A Level

Entry Requirements

Grade 4 in GCSE English Language **or** GCSE English Literature **and**
Grade 4 in GCSE Mathematics **and**
Grade 6/6 in GCSE Combined Science **or**
Grade 6 in GCSE Chemistry

Course Overview

Chemists use their experiments and knowledge to understand the world around us. We can answer questions like “Why does this change colour?” “If I combine these elements together in the right way can I create something totally new?” Chemistry connects physical sciences, like physics, with applied sciences, such as biology and engineering.

It helps to build skills useful for work, developing proficiency in research and analytical skills, and in problem solving. It helps to you challenge ideas and show how you worked things out through logic and step-by-step reasoning. Chemistry often requires teamwork and communication, which is useful in many careers and in management roles.

Exam Information

Duration: 2 years

Exam Board: OCR

Contact: Mr Lowe

Chemistry is a linear course, with 3 exams at the end of the second year.

The exams are:

1. Periodic table, elements and physical chemistry
2. Synthesis and analytical techniques
3. Unified chemistry

Qualification Gained

A Level in Chemistry

Practical Endorsement Certification

Career Opportunities

Chemistry is useful as a route into any STEM (Science, Technology, Engineering and Maths) career. Students taking Chemistry also find it useful for Medicine, Forensics, Pharmaceuticals, Space exploration, Biochemistry, Teaching, Psychology, IT and Law, because of the analytical mind that Chemists develop.

Subject Links

Biology, Physics, Mathematics

“I use stuff at home and now I know what it is because of Chemistry. We could learn how to make every day chemicals like paracetamol!”
Year 13 student