



The AQA chemistry specification is designed to encourage candidates to:

- Gain hands-on practical and data analysis skills
- Appreciate *How Science Works* and its relevance beyond the laboratory
- Develop an enthusiasm for chemistry
- Demonstrate a synoptic understanding
- Study chemistry in a contemporary context

Whilst studying this course, each student will come to understand how scientists investigate scientific phenomena in order to explain the world around us. Students will improve their scientific problem-solving skills by developing an understanding of the procedures associated with the testing of ideas and the interpretation and validation of evidence. Students will ultimately have an understanding of science's place and contribution in the wider world.

In year 12 candidates are given a solid grounding in the fundamental aspects of chemistry. The specification delivers Chemistry through the traditional three branches of physical, inorganic and organic chemistry. Students will carry out at least 12 substantial practical activities across the two-year A level. Assessment is carried out through traditional testing at the end of the course.

AQA A level Chemistry

Paper 1: Inorganic chemistry, and relevant physical chemistry

Assessment

Written Paper:	2 hours
Style:	A mixture of short and long answer questions
Marks:	105 marks
Weighting:	35% of total A level

Paper 2: Organic chemistry with relevant physical chemistry

Assessment

Written Paper:	2 hours
Style:	A mixture of short and long answer questions
Marks:	105 marks
Weighting:	35% of total A level

Paper 3: All practical skills and all content

Assessment

Written Paper:	2 hours
Style:	A mixture of short, long answer and multiple choice questions
Marks:	90 marks
Weighting:	30% of total A level

Required practicals. Practical skills will be examined during lessons. Extensive experience will be given to pupils during the course of Year 12 and Year 13 to help them develop confidence in this area. This will enable the students to gain the compulsory practical endorsement component of the A-level. In order to deliver this area in full a £10 Lab pack contribution per year will be required from each student.