



OCR Chemistry

Level 3: AS / A2

PROGRAMME AIM: The Chemistry course is aimed to challenge the way you see the world. You will find out how atoms and molecules interact with each other and with you.

Chemistry is one of the subjects that allows access to the top universities in addition to being an entry requirement for many jobs and professions.

ENTRY REQUIREMENTS / SUITABILITY:

GCSE Science Core and Additional or GCSE Chemistry Grade 6 or above. Mathematics Grade 6. Students need excellent communication skills both verbally and written, an inquisitive mind and good mathematical skills. The course suits those with a passion for investigation, learning and exploring different phenomena in the fields of Chemistry. Students will be expected to work independently, with and without supervision.

CONTENT:

Module 1: Development of Practical Skills in Chemistry

Module 2: Foundations in Chemistry

Module 3: Periodic table and energy

Module 4: Core organic Chemistry

Module 5: Physical Chemistry and transition elements

Module 6: Organic Chemistry and analysis

LEADS TO:

Chemistry is used in most fields. Doctors, nurses, dentists, pharmacists, physical therapists, veterinarians, Science teachers, fire fighters and people who make fireworks learn about chemistry and so do truck drivers, plumbers, artists, hairdressers, chefs... the list is extensive

ASSESSED / EXAMINED:

Two AS examinations: Breadth in Chemistry, Depth in Chemistry. These examinations comprise questions covering all of the AS Chemistry course, including practical skills.

Three A2 examinations: Paper 1: Periodic Table, Elements and Physical Chemistry; Paper 2: Synthesis and Analytical Techniques, and Paper 3: Unified Chemistry. These examinations comprise questions covering all of the A2 Chemistry course, including practical skills.

There is also the **Practical Skills Endorsement**, for which students carry out and evaluate experimental investigations throughout the AS and A2 course. Although this work does not contribute to the final A Level grade, it is a requirement of the course.