

CHEMISTRY



EXAM BOARD: AQA COURSE DURATION: 2 YEARS

The course aims to develop an awareness of the link between theory and experiment as well as the responsible use of scientific knowledge and evidence. It also aims to encourage students to appreciate the contribution of Chemistry to society.

Students will study the three branches of Chemistry: Organic, Inorganic and Physical.

Lessons are a mixture of theory and practical work. There is a strong emphasis on explaining the outcome of practical work using the theory learned. Progress is monitored throughout the course using cumulative progress assessments and mock exams.

ASSESSMENT

The A-level is a linear course with assessment 100% by examination at the end of Year 13.

Paper 1 – Inorganic and Physical (35%)

Paper 2 – Organic and Physical (35%)

Paper 3 – Practical, data handling and synopsis (30%)

SUBJECT COMBINATIONS

Chemistry complements study in both Physics and Biology. Due to the mathematical content in the specification, it is strongly advised that students study at least Level 3 Mathematical Studies.

CAREERS /HE INFORMATION

A-level Chemistry is an essential requirement for many university courses in medicine, dentistry, chemistry, veterinary sciences and pharmacology and is a useful basis for the study of many aspects of both biological and physical sciences. A-level Chemistry is also of benefit for students wishing to apply for courses in forensic science, environmental or geological sciences, biochemistry, engineering and finance-related degrees.