CHEMISTRY A LEVEL

Are you interested in what goes on around you? If you are, then Chemistry is the A Level for you. Chemistry is responsible for the clothes and makeup you wear, the food you eat, and the "stress balls" you squeeze. It provides your headache tablets, hair dyes and the materials your home is made from – so what are you waiting for?

WHY STUDY CHEMISTRY AT A LEVEL?

- To appreciate the contributions of Chemistry to everyday life.
- To develop knowledge and understanding of the theory and practice of modern Chemistry.
- To describe and understand the environmental implications of chemical processes and the role of chemists in limiting them.
- To sustain your enjoyment of, and interest in, Chemistry.

WHAT WILL I STUDY?

You will study aspects of Physical, Inorganic and Organic Chemistry building on your GCSE knowledge over the two years. Topics studied will include extracting important chemicals, the importance of DNA, the development of novel polymers, computer modelling and the development of drugs.

HOW WILL I LEARN?

You will carry out a wide range of activities in Chemistry e.g. practical work, research activities, group discussions, presentations, use of ICT applications, molecular modelling and traditional note-taking. A Level Chemistry is principally concerned with the application of knowledge to everyday scenarios and problem-solving. Ample opportunity is provided to practise these skills.

WHERE COULD THIS COURSE TAKE ME?

You must study Chemistry if you want to study Medicine, Veterinary Science, Biological, Chemical or Medical Sciences in higher education. Careers in Accounting, Law, Forensic Science, Art Restoration and Engineering, to name but a few, will also be open to you.

ENTRY REQUIREMENTS	ASSESSMENT COMPONENTS
Standard Entry Requirements including GCSE Grade 6 or above in Chemistry or GCSE Grade 66 or above in Combined Science. GCSE Grade 5 or above in English Language and GCSE Grade 6 or above in Maths.	**Exam Board AQA Code 7405** Three externally assessed examination papers with an endorsement of practical skills. **Paper 1:** Physical and Inorganic Chemistry 35% of the A Level. **Paper 2:** Physical and Organic Chemistry 35% of the A Level. **Paper 3:** All content and practical skills 30% of the A Level.