Why study Chemistry?

What will you be learning?

Over the course you continue to study organic, inorganic and physical chemistry. We also carry out a number of key practicals and wherever possible relate the content to real life contexts. You will complete three written exams at the end of Year 13. All papers contain multiple choice questions, short answer questions and extended answer questions. Each paper will cover a mixture of topics as well as testing your understanding of how science works.

What are the lessons like?

Over the two year course, you will have 9 lessons a fortnight most of which will be lab based. You will have two specialist teachers one specialising in organic chemistry and the other specialising in physical and inorganic chemistry. We aim wherever possible to carry out as many key practicals as we can throughout the year; developing not only your quantitative and qualitative skills but also your confidence in using new equipment and techniques to synthesise new substances such as Asprin and transition metal salts.

What can it lead to?

Whilst many job opportunities such as medicine, veterinary science and dentistry specifically require A level chemistry, there are many laboratory-based jobs which would also benefit from a chemistry qualification too. Employers also view success at GCE Chemistry as a clear indication of sound academic ability.

Many science courses at university have a significant proportion of chemistry content and a GCE in Chemistry is excellent preparation for such further study. UK HE institutions currently offer over 200 courses where chemistry is the primary subject. These courses can often include an additional year's study, either in industry or at a university abroad.

Examples include:

- Medicinal chemistry, biochemistry, pharmacology, genetic science, chemical engineering and materials chemistry.

Over 500 additional courses contain a notable element of chemistry as well as allowing a degree of breadth of study. These include:

- Sports science, geology, forensic science and toxicology, environmental science, and biomedical science.

Want to know more?

To find out more about the course and discuss your suitability please contact v.pimblett@qes.org.uk