



WESTONBIRT
— SCHOOL —

CHEMISTRY A-LEVEL

Click **here** to watch an introduction to A-Level Chemistry from a Teacher of Science (Chemistry)

Exam Board - EDEXCEL

What can I expect from this subject?

This course will try to give you the skills and understanding to make decisions about the way chemistry affects your everyday life by applying concepts into contemporary areas of chemistry including climate change, green chemistry and pharmaceuticals to name but a few. During the two year course you will also carry out 16 Core Experiments which will lead to a Practical Endorsement in Chemistry.

A-Level You will complete three written exams:

- Paper 1: Advanced Inorganic and Physical Chemistry
- Paper 2: Advanced Organic and Physical Chemistry
- Paper 3: General and Practical Principles in Chemistry

What can I do to prepare for this course?

The qualification builds on the knowledge, understanding and process skills that you achieved in GCSE Combined Science or GCSE Chemistry. In chemistry, you will need to be able to communicate effectively, be able to carry out research, work independently and critically think about problems. Good practical skills are also important as chemistry is a very practical subject.

What will my next steps be?

An A-Level in Chemistry allows you to develop a range of generic skills requested by both employers and universities. For instance, a successful A-Level chemist will be an effective problem-solver and be able to communicate efficiently both orally and with the written word. Handling data will be a key part of your work, allowing you to demonstrate information retrieval skills as well as use of numeracy. Chemistry A-Level is a requirement for a number of higher education courses such as medicine and veterinary science, but it is also a facilitating subject preferred by universities for the majority of degrees. Speak to your chemistry teacher and to find out more about careers involving GCE Chemistry visit websites such as: [successatschool.org/advisedetails/331/Five-Exciting-Career-Choices-For-Chemistry-Students](https://www.successatschool.org/advisedetails/331/Five-Exciting-Career-Choices-For-Chemistry-Students)