



Chemistry (A Level)

What will the course involve?

Students who enjoy thinking through puzzles and explaining logically why things happen will enjoy A-Level Chemistry. It is a challenging and rewarding field of study with a high practical component. Chemistry is the key science that links extremely well with Biology or with Physics and Mathematics as well many non-science based A Levels.

This is a two year linear course from which you will build on and extend the work done in the GCSE course gaining a better understanding of the three areas of chemistry which are physical, inorganic and organic chemistry.

How will I be assessed?

There are three exams at the end of the two years for A-Level, each of which is two hours long. There is no coursework on this course, however at least 15% of the marks for A-Level Chemistry are based on what has been learned while carrying out practical work, and you will be asked to recall how to carry out and interpret findings from these required practicals during all three examinations.

As well as being assessed on practical skills in all examinations, you will also be given a **practical endorsement** of a **PASS**. A minimum of 12 practicals have to be carried out exhibiting a number of competencies including following written procedures, carrying out research, working safely and recording observations.

What skills will I develop?

As a successful Chemistry student, you will be able to think, understand abstract ideas, make connections between different concepts and solve problems; you will also be able to communicate clearly, both in writing and using maths. Your ability to research, analyse and evaluate will develop throughout the course. You will gain a very wide and in-depth skill set - this explains why it is a sought after A-level for admission to a range courses and is a widely valued qualification more generally.

Where can the study of Chemistry lead?

Chemistry is a vital part of all our lives. Students who take Chemistry study a wide range of subjects at A level. The qualification will enhance an application to many science or non-science based careers.

It can lead on to many exciting career options including analytical chemist, chemical engineer, clinical biochemist, pharmacologist, medicine, veterinary science, dentistry, nursing, optometry, law and accountancy to name a few.

Where can I get more information?

For further information about studying Business Studies at Archbishop Blanch Sixth Form contact: Mrs. N Eyres, Head of Chemistry or Mr. de Middelaer, Director of Science on 0151 330 5151