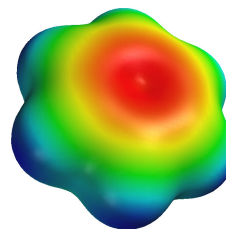


CHEMISTRY



You may be asking "Why should I study chemistry? What has it done for me?" Well put quite simply since chemistry is the study of matter and how it interacts, chemistry is everything!!

Without chemistry we would have had no man made fibres, no synthetic medicines, no mass produced materials. We would have no fashion, no electronics and no energy on demand.

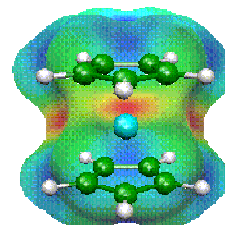
To study chemistry is to study the way the world works. Find out why water is so important and so prevalent! Find out why dyes are so highly coloured! Find out why alcohol is such a good fuel!

All this and more awaits you in the world of Chemistry!

Course: AQA GCE CHEMISTRY (2420)

AS CHEMISTRY

This consists of two examinable modules:



Unit 1: Foundation Chemistry - 34% AS marks

Where we learn the basic skills we need. A chemical toolbox we will use throughout the entire rest of the course. Subjects studied include:

- Chemical maths
- Bonding in molecules
- Naming and drawing organic molecules
 - Periodicity

Unit 2: Chemistry in Action - 46% AS marks

Where we look in more detail at the areas of Inorganic, Organic and Physical chemistry. Providing a firm base which can be built and extended upon for those pupils who continue on to A2. Subjects include:

- Redox reactions
- Collision theory
- Extraction of metals
- Alkenes and Halogenoalkanes

ISA/PSA - 20% AS marks

You will also be expected to carry out an investigative skills assessment as well as constant practical skills assessments throughout the year.

At A2 the subjects are extended and include new subjects such as spectroscopy, organic synthesis, transition metals and thermodynamics.