CHEMISTRY

SOLIHULL



The Course

The Edexcel specification consists of six modules:

Module 1: Development of Practical Skills in Chemistry

Module 2: Foundations in Chemistry

Module 3: Periodic Table and Energy

Module 4: Core Organic Chemistry and Analysis Module 5:

Physical Chemistry and Transition Elements Module 6:

Organic Chemistry and Analysis

Why study Chemistry?

- If you enjoy abstract thinking, analysis, problem solving and the application of ideas to new situations, Chemistry is an excellent A Level choice.
- Chemistry supports other subjects, in particular Biology, and it is a requirement for students wanting to study Veterinary Science, Dentistry, Pharmacy or Medicine.

As well as being an academic subject, Chemistry involves a good deal of hands-on work, preparing candidates for the practical endorsement.

Medicine

Chemistry, one other science, and one other subject is the general requirement at A Level. Most universities require Biology as the second science. We would advise students, therefore, to include both Chemistry and Biology in their choices at A Level, to give them access to the full range of courses available.

Veterinary Science

Chemistry and Biology are required at A Level along with one other academic subject.

Dentistry

All universities require Chemistry as one of the necessary A Levels, and the majority require Biology along with one other subject.

Other Careers

Pharmacy, Forensic Science, Medicinal Chemistry, Astrochemist, Atmospheric Chemist, Fine Fragrance Evaluator and Chemistry combined with lots of other subjects or options, to name but a few.

What do I need to study Chemistry?

Students will require a minimum Grade 7 in Chemistry GCSE or Grade 7/7 in Combined Science, with a minimum Grade 7 on the Chemistry paper. In addition, a Grade 7 in Mathematics would be an advantage.

A Level subject video available here: https://www.youtube.com/watch?v=RFjWtRaMaos

