Chemistry

Course overview

A LEVEL Level 3 **OCR**

Chemistry is about everything. It is the central science. If you want to understand more about how the world around you works and look for patterns in the thousands of chemical reactions which occur in nature, this could be the course for you. It is an exciting, laboratory based, subject which explores the laws of chemistry and demonstrates how these laws and the skills of the chemist have been exploited to give us our present high standard of living.

Entry Requirements

You must have a minimum of 5 grades 9-4 (equivalent to A*-C) at GCSE, including English and Maths at grade 4, plus you must also meet the specific subject entry requirements.

Subject Specific Requirements

Grade 6 in Double Science GCSE or grade 6 in Chemistry and a grade 6 in Maths GCSE.

Popular Subject Combinations

A Level: *Maths, Physics, Biology*

BTEC: Applied Science

Possible Enrichment Opportunities

Participation in Royal Society of Chemistry events such as the Olympiad, and analytical chemistry competitions against other colleges. Opportunity to present at the Strode's Science Symposium and alongside world-famous scientists from the Royal Holloway University

What will I learn?

Chemistry is the in depth study of atoms and molecules. It includes descriptive material, calculations and problem solving exercises. This is an ideal course to study the basic laws and principles of chemistry and learn how to predict the properties and atomic structure of elements from their position on the periodic table. Learn how to control chemical reactions and make predictions about new and novel materials.

How will I be assessed?

Two externally assessed papers of two hours and 15 minutes, and one of one hour and 30 minutes, all in the Summer of the second year. There are also a compulsory practical endorsements carried out in lessons throughout the course to provide you with vital experimental and analytical skills.

Where might it lead?

A level Chemistry is usually an entry requirement for further study in Chemistry, Biology, Medicine, Dentistry, Veterinary Science, Pharmacy and other related subjects. All manufacturing industries, pharmaceuticals, food processing, cosmetics and metal works use chemistry and the skills of the chemist. Chemists are highly valued for their problem solving skills and logical approach and also find employment in non-science fields including finance.

Christian Scott
(ex pupil of The Magna Carter School)

"My teachers are very supportive and will always offer help. The work set is always beneficial."

If you would like further information about this course please contact the admissions team at

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