
A Level Chemistry



Chemistry is the study of how the elements and their compounds behave. It overlaps with Physics and Biology as chemical principles underpin the physical environment in which we live, as well as all biological systems.



A Level Chemistry

Introduction

In this course you will develop essential knowledge and understanding of fundamental chemical concepts, as well as a variety of areas of chemistry, and you will get to grips with how these relate to each other. You will also develop a deeper appreciation of how chemistry plays a major role in providing the comfortable modern lifestyle we appreciate and how it contributes to the success of the economy and to society more broadly.

Level Level 3

Specific course entry requirements

College entry to include Double Award GCSE Science Higher Tier 6,6 (or above) or GCSE Chemistry 6 (or above) plus a minimum of either GCSE Biology 6 or GCSE Physics 6. You must also have achieved GCSE Mathematics grade 5 or above, (please refer to the Entry Requirements section of the SJR prospectus for further details).

What will I study?

Topics covered during the course include quantitative chemistry, atomic structure, chemical bonding and the Periodic Table, organic chemistry, transition metals, acids and amines, energy changes, rates of reaction and equilibria. The course also includes practical work which helps develop your understanding.

How will I be assessed?

100% Examination. Practical skills are embedded within the course and are assessed as part of the practical endorsement of the A level as well as in the written examinations.

Where will this course lead me?

Chemistry impacts on every part of our daily lives. Without chemistry there would be no plastics, cosmetics, brightly coloured dyes or synthetic fibres. There would be no drugs to fight disease, nor any methods to monitor pollution.

Chemistry is an essential qualification for entry into Medicine, Dentistry, Biological Sciences and Veterinary Science and is preferred for entry into Physiotherapy.

We are very proud of the regional and national awards we have received and feel they showcase what makes our students successful.



Ofsted Outstanding



Matrix Award



Educate North
Most Inspirational
Sixth Form Provider
2017-18



Educate Awards
Sixth Form College
of the Year 2017-18



**Sixth Form College
of the Year Finalist**
TES FE Awards



**Archdiocese of
Liverpool Head
Teacher of the Year**
2018-19

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