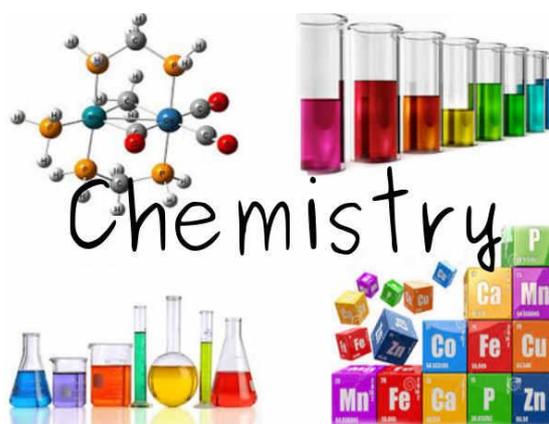


C hemistry



The fascinating world of chemistry is explored at A-level through the rigorous and engaging **Salter A-Level Chemistry Course**. Ideas are introduced within a spiral curriculum structure - topics introduced in an early part of the course and reinforced later and this course places a particular emphasis on the development of practical skills and chemical literacy. This syllabus has been chosen as it best prepares you for university and/or if you wish to pursue a career in any chemistry related field while offering a novel and engaging way to extend your love of chemistry. The chemistry is offered through a storyline and chemical ideas behind that explored and developed as you make your way through the syllabus.

Course Outline

Year 1

Elements of life
Developing fuels
Elements from the sea
The Ozone Story
What's in a medicine?

Year 2

The chemical industry
Polymers and Life
Oceans
Developing Metals
Colour by design

Assessments

Paper 1: Fundamentals of Chemistry

containing multiple choice, structured questions and practical skill based on all modules. This paper is worth 41%

Paper 2: Chemistry in depth

Structured questions and extended response questions, covering theory and practical skills based on all modules and is worth 37%.

Paper 3: Practical skills

This is worth 22% structured questions and extended response questions with a focus on the assessment of practical skills.

Career Progression

Chemists can progress into many fields including:

- the energy industry e.g. oil and gas
- pharmaceutical industry e.g. drug development
- health
- Law
- Engineering – chemical engineering

Complementary Subjects

It is **strongly** recommended to take A-level Maths and/or another science alongside chemistry as these subjects can complement the course.

Entry requirements

GCSE Chemistry: 7

GCSE Trilogy Science: 7 (*must have 7 in both paper 1 & 2 of the chemistry component of combined science*)

GCSE Maths: 6