



# CHEMISTRY

**Qualification:** A-Level

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## Overview of subject:

Studying A-Level chemistry will give you insight into the physical universe. Chemistry touches every aspect of our lives from the bodily functions within us to the atmosphere around us. Chemistry is often referred to as a central science as it combines physics, biology and mathematics. It can help us to explain biological and physical phenomena that cannot be understood through one science alone.

## Topics studied in the syllabus include:

- Atomic Structure
- Bonding
- Halogens
- Alkali Earth Metals
- Alkanes
- Organic Analysis

## The course might be of interest to:

Studying chemistry is worthwhile because it provides an excellent basis for understanding the physical universe we live in. Everything is chemistry. The course provides a unique opportunity to further enhance your knowledge of chemistry, investigative skills and practical skills.

## Potential future pathways:

Analytical Chemist, Biotechnologist, Chemical Engineer, Drug Discovery, Food Technologist, Geochemical Engineer, Pharmacologist, Science Writer, Scientific Laboratory Technician, Teacher or Toxicologist to name a few. In addition to the knowledge, students also have the opportunity to develop many transferable skills, which are sought after by future employers.