

A Level

CHEMISTRY

Course Overview

Everyone enjoys seeing amazing chemical reactions such as firework displays but to understand how they work you have to use your brain and imagination. Chemistry is the study of reactions at molecular level. What you see when you burn magnesium or put some indicator into an acid are clues about what is going on at the molecular level. Chemists interpret what we see so that we can model what happens at the atomic and sub-atomic level.

A Level Chemistry is essential for medicine and many other related degree courses as graduates are sought after to work in a wide range of jobs. The skills learnt are transferable to other situations as you learn to be organised, think logically and present ideas clearly.

Teaching Methods

You will be taught by a variety of activities in class to help to understand the theory covered. Practical work forms a key part of the course and these skills are developed over the two years. You will be expected to complete a lot of independent work.

Course Activities

Course books are provided for all students in addition to a range of resources, including Kerboodle. This provides online support with interactive tutorials, maths skills boosters and revision podcasts. Chemistry is a good subject to study alongside Biology, Physics, Maths and Psychology.

Components of Course

6 modules to study over 2 years:

- **Unit 01** - Development of practical skills in Chemistry
- **Unit 02** - Foundations in Chemistry
- **Unit 03** - Periodic Table and Energy
- **Unit 04** - Core Organic Chemistry
- **Unit 05** - Physical Chemistry and Transition Elements
- **Unit 06** - Organic Chemistry and Analysis

Assessment

You will be assessed by a variety of methods over the course. There will be regular class tests, homework, practical activities and research tasks.

Course Outline

Examination

3 written exams at the end of the second year.

Exam Board

OCR

Entry Requirements

A minimum of five GCSEs (with two at grade 6, and three at grade 4), including at least 2 6s in Science.

GCSE English at a minimum of grade 4. GCSE Maths at a minimum of grade 6.

Student Testimonial



"I have done Chemistry A Level at Cadbury College and it has been a walk in the park with the lovely teachers who help out in every way possible towards an excellent grade"

Isheanesa Violet Sibanda

