

Chemistry

Course Introduction

This course builds on the knowledge and understanding of GCSE Core and Additional Science. During the course you will have opportunities to develop greater understanding of Chemistry concepts. You will also develop greater expertise in the area of practical work.

Assessment

AS Level
Specification:

Paper 1

1h 30 mins, 80 marks
50% of AS

Inorganic and some physical chemistry, with some questions on core practicals

Paper 2

1h 30 mins, 80 marks
50% of AS

Organic and some Physical Chemistry, with some questions on core practicals

A Level Specification:

Paper 1

1h 45mins

90 marks

Inorganic and some physical plus AS topics
30% of A level

Paper 2

1h 45mins

90 marks

Organic and some physical plus AS topics
30% of A level

Paper 3

2h 30mins

120 marks

All topics – practical questions makeup half the paper
40% of A level

Minimum Entry Requirement

BB grades in GCSE Science

B grade in GCSE

Chemistry (Triple award)

AS Level Specification
Topics:

- Atomic structure and Periodic Table
- Bonding and structure
- Formulae and equations
- Redox I
- Inorganic chemistry (Gp 2 & 7)
- Organic chemistry I
- Modern analytical techniques I
- Energetics I
- Kinetics I
- Equilibrium I

A Level Specification

- Kinetics II
- Equilibrium II
- Acid-base equilibria
- Energetics II
- Organic chemistry II
- Modern analytical techniques II
- Redox II
- Transition metals
- Organic chemistry III