



A LEVEL CHEMISTRY

EXAM BOARD OCR

CONTENT

Module 1 – Development of practical skills in chemistry, Module 2 – Foundations in chemistry, Module 3 – Periodic table and energy, Module 4 – Core organic chemistry

COURSE STRUCTURE

Module 1 - Development of practical skills in chemistry

- Practical skills assessed in a written examination

Module 2 – Foundations in chemistry

- Atoms, compounds, molecules and equations
- Amount of substance
- Acid–base and redox reactions
- Electrons, bonding and structure

Module 3 – Periodic table and energy

- The periodic table and periodicity
- Group 2 and the halogens
- Qualitative analysis
- Enthalpy changes
- Reaction rates and equilibrium (qualitative)

Module 4 – Core organic chemistry

- Basic concepts
- Hydrocarbons
- Alcohols and haloalkanes
- Organic synthesis
- Analytical techniques (IR and MS)

METHOD OF ASSESSMENT

Breadth in chemistry - written paper 50% of total A level

Depth in chemistry - written paper 50% of total A level

ENTRY REQUIREMENTS

Grade B in Science GCSE

I chose Chemistry because it's a requirement for the career I want to pursue and I've been interested in it for many years. So far what I have done in A Level Chemistry has driven me to love it even more.

