

Chemistry

Year 7



The Particle Model
Exploring states of matter



Atoms, Elements, Compounds
Exploring the atomic model



Pure and Impure Substances
Exploring how to categorise and separate substances



Chemical Reactions
Exploring different types of chemical reactions

Year 8



Archaeology
Exploring the rock cycle



Science in the Home
Exploring acids, alkalis and types of reactions



Water for the World
Exploring how we can get clean, safe water

Year 9



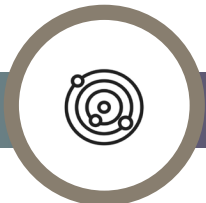
Buildings
Exploring polymers, bonding and chemical reactions



Space
Exploring the composition of the atmosphere



Save the Planet
Exploring the effect of polluting gases



GCSE C1a
Atomic Structure

Year 10



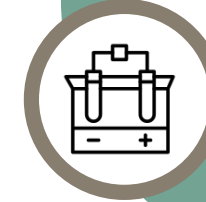
GCSE C1b
Periodic table



GCSE C1c
Structure and bonding



GCSE C1d
Chemical changes



GCSE C1e
Electrolysis

Careers
Forensic Scientist
Geologist
Research Scientist
Biomedical Engineer
Climate Scientist

Literacy
Accurate
Anomaly
Systematic error
Random error
Zero error
Evidence
Hypothesis
Interval
Precise
Range
Repeatable
Reproducible
Resolution
Uncertainty
Valid
Variable

Year 11



GCSE C2e
Chemical resources (Part 1)



GCSE C2a
Atmosphere



GCSE C2d
Chemical analysis



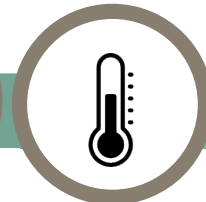
GCSE C2c
Organic chemistry



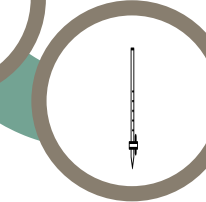
GCSE C2b
Rates



GCSE C2e
Chemical resources (Part 1)



GCSE C1g
Energy changes



GCSE C1f
Quantitative chemistry