

# SCIENCE

## End of Year 10 Chemistry Exam

### C8 Rates and Equilibrium

What factors affect how quickly a reaction can occur?

What are reversible reactions?

### C6 Electrolysis

What is electrolysis?

What reactions occur at electrodes?

How is aluminium extracted from its ore?

### C4 Chemical Calculations

What is relative atomic mass?

What is concentration?

What is a mole?

### C3 Structure and Bonding

How do atoms combined to make new materials?

How does the type of chemical bond affect the properties of a material?

### C9 Crude Oil and Fuels

What are the different types of hydrocarbons?

How can you separate crude oil?

### C7 Energy Changes

How is energy transferred in chemical reactions?

What is a reaction profile?

How do you calculate bond energies? (HT only)

### C5 Chemical Changes

How do metals react?

How are salts formed?

What does pH mean?

### C2 The Periodic Table

How are elements arranged in the periodic table?