

# Combined Chemistry

100% Exam Assessed

Exam Board = Edexcel

HOF = Mr Booker

## Paper 1 Topics to Revise

### Key Concepts:

- Formulae & equations
- Hazards & risks
- Atomic structure
- Periodic table
- Ionic bonding & compounds
- Covalent bonding & compounds

### States of matter and mixtures

- States of matter
- Separation & purification

### Chemical changes

- Acids & alkalis
- Salts
- Electrolysis

### Extracting metals & equilibria

- Obtaining & using metals
- Reversible reactions & equilibria

## Paper 2 Topics to Revise

### Key Concepts:

- Formulae & equations
- Hazards & risks
- Atomic structure
- Periodic table
- Ionic bonding & compounds
- Covalent bonding & compounds

### Groups in the periodic table

- Group 1 – alkali metals
- Group 7 – halogens
- Group 0 – noble gases

### Rates of reaction & energy changes

- Rate of reaction
- Heat energy changes in chemical reactions

### Fuels & Earth science

- Fuels
- Earth & atmospheric science

## Revision Links Paper 1

[States of matter and mixtures - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)

[Chemical changes - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)

[Extracting metals and equilibria - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)

[The whole of EDEXCEL Chemistry Paper 1 or C1 in only 74 minutes. 9-1 GCSE Science Revision - YouTube](#)

## Revision Links Paper 2

[Groups in the periodic table - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)

[Rates of reaction and energy changes - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)

[Fuels and Earth science - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)

[The whole of EDEXCEL Chemistry Paper 2 or C2 in only 47 minutes. 9-1 GCSE Science Revision - YouTube](#)

## Revision Links Core Practicals

[Practical skills - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)  
[Pearson Edexcel \(9-1\) GCSE Chemistry Core Practical - acid-Alkali titration - YouTube](#)  
[GCSE Science video links sheet.pdf \(pearson.com\)](#)

### Common to both papers

[Key concepts in chemistry - GCSE Combined Science Revision - Edexcel - BBC Bitesize](#)

## Links to Sample Exam Papers

[SAMs GCSE L1-L2 in Combined Science.pdf \(pearson.com\)](#)

## Exam Information

2 x 1 hour and 10-minute exam  
60 Marks for each paper

