

COMBINED SCIENCE CHEMISTRY

January Pre-Public Exams

The January PPE will cover all Paper 1 units:
Units 1-4

- Key Concepts (Atomic Structure, Periodic table, bonding, mass calculations)
- States of matter and separation techniques
- Chemical change (Acids, Electrolysis)
- Extracting metals and equilibria

The specification, broken into the individual units, is available in the file section of the Chemistry Channel of the Science Revision Teams page.

A full copy of the specification can also be downloaded from the Edexcel web site.

Exam Board

Edexcel Combined Science
Specification code 1SC0

Exam Format

All students will sit an exam paper which is one hour and ten minutes long. The paper is worth 60 marks and comprises multiple choice, structured, closed short answer and open response questions. 20% of the paper involves mathematical skills including standard form, percentages, interpretation of tabulated data and graphs. During the course, the students carry out required practical activities and there will be questions on experimental techniques on the paper.

Revision advice

- Read through the specification RAG rate the content.
- Use the Knowledge Organisers (on Teams), and/or the GCSE Bitesize pages (a link to the relevant BBC pages is on Teams) to review the material you are least sure of.
- Make revision cards, lists, or spider diagrams. Using pictures and colour helps.
- Try past paper questions and mark them (papers and answers available on Teams).
- Use Educake – read the Study Guides for units you are unsure of before setting yourself a quiz about those units.

Revision Resources

The specifications and Knowledge Organisers on Teams

Past Papers and answers on Teams

Educake – link on Teams or go to Educake.co.uk

BBC Bitesize – link on Teams

Combined Science GCSE Core practical playlist on Youtube – link on Teams

Cognito GCSE Chemistry playlist on Youtube

Free Science Lessons GCSE Chemistry playlist on Youtube

GCSE Combined Science Revision Guide – available to purchase from Parent Pay

Seneca Learning – ask your teacher how to set up an account if you don't already have one