

AQA GCE Chemistry – Physical Chemistry and Organic Chemistry
2 x 90 min

There are two papers covering the topics below predominantly.

However, exam questions do cross over so be prepared to answer questions on any content on either list in both papers.

Paper 1: Physical chemistry

Paper 2: Organic Chemistry

Topics to Revise

Paper 1

Physical Chemistry

- Atomic Structure
- Amount of Substance
- Bonding
- Energetics and enthalpy
- Rate of reaction
- Equilibria

Paper 2

Organic Chemistry

- Introduction to Organic Chemistry
- Alkanes
- Halogenoalkanes
- Alkenes
- Alcohols
- Organic Analysis

Revision Resources

Specification and subject content

<https://www.aqa.org.uk/subjects/science/as-and-a-level/chemistry-7404-7405/specification-at-a-glance>

Seneca Learning

<https://senecalearning.com/en-GB/>

Exercises and revision materials covering the A level chemistry course

Kerboodle

www.kerboodle.com

Access to the digital textbook for this course as well as podcasts and other resources.

Revision Tips

Past papers and mark schemes, including examiners reports, are available at:

<https://www.aqa.org.uk/subjects/science/as-and-a-level/chemistry-7404-7405/assessment-resources>

These are a good way of familiarising yourself with the style of questioning.

Use the online textbook to ensure that you can answer the summary questions for each of the relevant chapters. These cover the base knowledge required for each topic.

Revision Tips

- Use checklists.
- Make revision recipes for calculations and mechanisms.
- Answering past paper questions, mark and ask for clarification.

