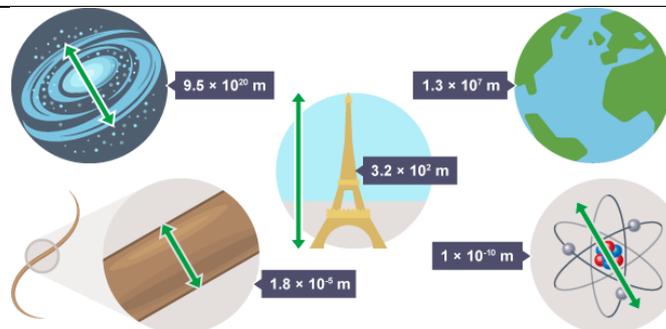




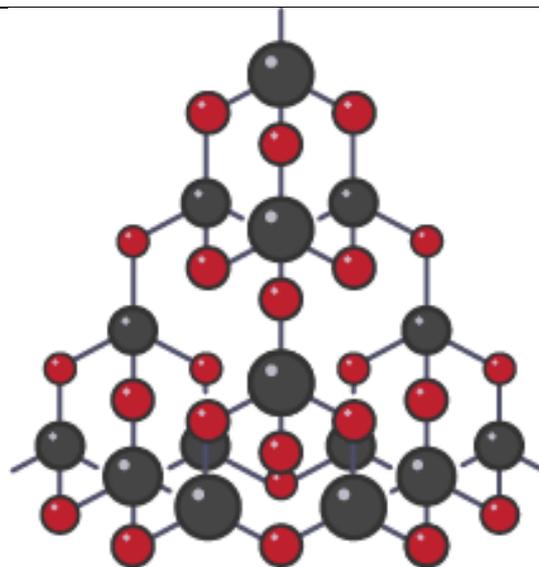
A Level Chemistry is a fascinating, hands-on and practical subject which is underpinned by key theoretical scientific concepts and requires a solid understanding of all GCSE Mathematics content. [GCSE Maths - BBC Bitesize](#)



BBC Bitesize content is a great starting point:
<https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb>

Choose the exam board you have studied with or AQA which fits well with A Level OCR Chemistry A. Make sure that you look at the separate Chemistry GCSE content which covers:

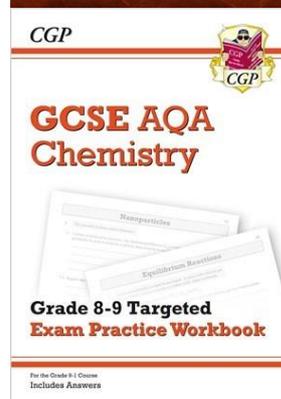
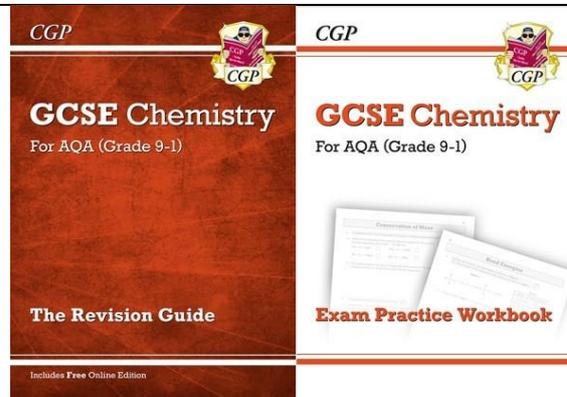
- Atomic Structure and the Periodic Table
- Bonding, Structure and the Properties of Matter
- Quantitative Chemistry
- Chemical Changes
- Energy Changes
- The rate and extent of chemical change
- Organic Chemistry
- Chemical Analysis
- Chemistry of the Atmosphere
- Using Resources
- Practical Skills





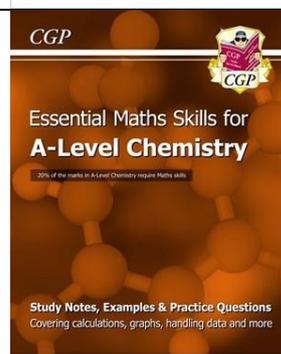
There are several CGP books which can really help too. These are available from CGP itself and Amazon as paper copies or Kindle versions. We recommend the separate Chemistry books with AQA.

[Chemistry | CGP Books](#)



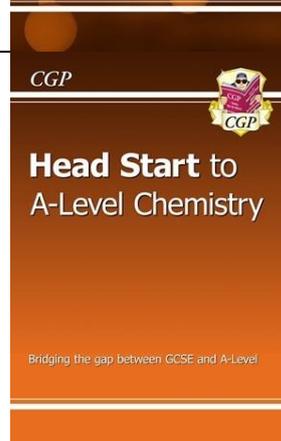
As Maths is so fundamental to Chemistry this is also a great resource:

<https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science/chemistry/cmr71-a-level-chemistry-essential-maths-skills#>



Once you have really consolidated your GCSE work it is time to get a Headstart to Chemistry with this book:

<https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science/chemistry/cbr71-head-start-to-a-level-chemistry>





A Level Chemistry

Summer Preparation Guidance



The Khan Academy Website allows you to log on and track your progress through the course you study. It is an American resource but the videos and quizzes for Chemistry are great.

<https://www.khanacademy.org>

Science
Chemistry

Preparing to study chemistry
Chemistry draws on math, physics, and general science skills. See how to prepare yourself for success in chemistry.

Course summary

- Atoms, compounds, and ions
- Chemical reactions and stoichiometry
- Electronic structure of atoms
- Periodic table
- Chemical bonds
- Gases and kinetic molecular theory

Atoms, compounds, and ions

- Introduction to the atom
- Ions and compounds
- Names and formulas of ionic compounds
- Mass spectrometry

Chemical reactions and stoichiometry

- Balancing chemical equations
- Stoichiometry
- Molecular composition
- Types of chemical reactions