



Getting Ready for A Level Chemistry!



If you are hoping to study Chemistry at A Level here are some ideas to help prepare!

Develop your interest in Chemistry.

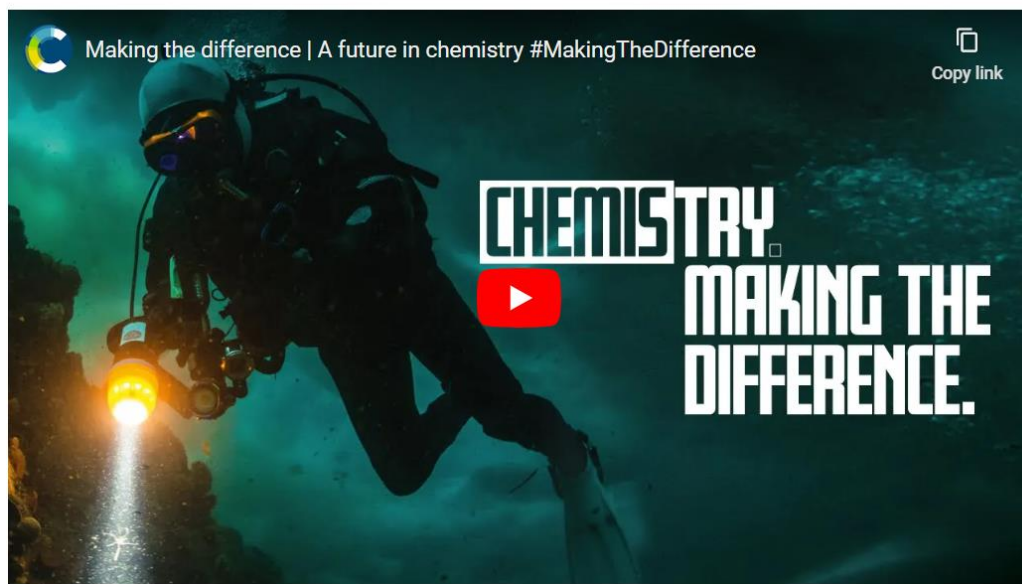
There are loads of websites dedicated to explaining how wonderful studying Chemistry can be, but probably the most comprehensive is the Royal Society of Chemistry:

<https://www.rsc.org/teaching-and-learning/>

Here you will find lots of resources and information about studying Chemistry and also the HUGE range of careers that open as a result of your studies:

Chemistry: Making the difference

Discover our new campaign called [Chemistry: Making the difference](#), with videos and career profiles showing the wide range of possibilities available to people who have studied chemistry. These resources are ideal for anyone considering their options for the future or supporting a young person to do so.



As a student of Chemistry, the more you know about wider aspects of Chemistry, the easier it will be to make links between your studies and key developments in science generally – great if you are considering a science related career too!

For the very latest examples of Chemistry in the news, the BBC Science and Environment website shows you up to the minute examples of the latest discoveries:

https://www.bbc.co.uk/news/science_and_environment

Brush up on your GCSE knowledge in preparation for Year 12!

Which topics will you be studying in the first term?

Mrs Shore	Dr Osborne
Topic 2: Bonding and structure Topic 3 – Redox Topic 5: Formulae, equations and amounts of substances	Topic 1: Atomic Structure and The Periodic Table Topic 4: Inorganic chemistry and the Periodic Table

Which exam board?

In Chemistry we follow the **Edexcel** exam board. For a detailed look at the specification and topics click the below link

<https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/chemistry-2015.html>

What useful revision of GCSE content should I be doing to get me prepared?

- For Topic 1 at A Level – look over the following GCSE topics:
 - Topic 1 Atomic Structure
 - Topic 1 The Periodic Table
 - Topic 1 Ionic Bonding
- For Topic 2 at A Level – look over the following GCSE topics:
 - Topic 1 Ionic and Covalent Bonding
 - Topic 1 Types of Substance
 - Topic 3 Electrolytic processes

A-Level involves LOTS of Independent Work!! Here are some strategies you can use to help get into the best habits in September:

- Summarise a lesson in your exercise book using flash cards, cornel notes or into a mind map.
- Practice exam questions using the banks of questions you have been issued and those in your textbook.
- Test a partner on quick fire questions using your textbook to help.
- Talk about a concept for one minute without stopping.
- Make a glossary of key terms for each unit of work.
- Write a quiz to test a partner on a key topic we have covered.
- Find further exam questions using [Physicsandmathstutor.com](https://www.physicsandmathstutor.com)

Useful Resources to help:

- Seneca – online revision tool that helps students revise and practice exam questions.
- www.chemsheets.com – a useful revision website with a small annual subscription
- <https://www.physicsandmathstutor.com/chemistry-revision/>