

## AS level Chemistry Bridging Work

Welcome to A Level Chemistry!

Chemistry is a challenging and rewarding A-level. You will extend your knowledge from GCSE and develop into a confident and resilient problem-solver during the course.

You will develop your practical skills and begin to appreciate the important role that chemistry plays in the world today. From synthesizing new substances to using spectrometry to identify unknown chemical compounds.

**Watch this video of how Chemistry can make a difference..**

[https://www.youtube.com/watch?v=FlbdG9nC\\_iw](https://www.youtube.com/watch?v=FlbdG9nC_iw)

**Here are some useful sites to help you get prepared..**

**OCR Website:** <https://www.ocr.org.uk/qualifications/as-and-a-level/chemistry-a-h032-h432-from-2015/>

**Specification:** You'll be covering the OCR A specification <https://www.ocr.org.uk/Images/171720-specification-accredited-a-level-gce-chemistry-a-h432.pdf>

**Practical Handbook:** Lots of very important information regarding the skills needed to pass the practical element of the course.

<https://www.ocr.org.uk/Images/208932-chemistry-practical-skills-handbook.pdf>

**Useful books that you might want to buy that are extra to the normal student book and revision guide:**

Head start to A Level Chemistry (£4.95)

<https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science/chemistry/cbr72-head-start-to-a-level-chemistry-with>

Essential maths skills for A Level Chemistry (£7.50)

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

**Useful websites for extra support:**

<https://www.chemguide.co.uk/>

<https://www.rsc.org/>

<https://www.youtube.com/c/MaChemGuy01>

<https://www.kerboodle.com/app/courses/18174>

(You will be given access to A Level Chemistry Kerboodle once you start the course and will also have access to the online text book)

## **Bridging Tasks for you to complete**

You will need to complete the following tasks on paper and bring them in for your first Chemistry lesson.

This work underpins AS Chemistry and it is essential that you have a good understanding of these areas in order to make a smooth transition from GCSE to AS level.

You can use resources like a GCSE Revision guide, websites such as BBC Bitesize and Kerboodle to help find the answers.

Good Luck!

[Student sheet Amount of substance ks4-ks5-checkpoint-task1.doc](#)

[Student sheet Bonding and structure ks4-ks5-checkpoint-task1.doc](#)

[Student sheet Enthalpy changes ks4-ks5-checkpoint-task1.doc](#)

[Student sheet Ionisation misconceptions.docx](#)

[Student sheet Definitions in Chemistry.docx](#)