

A level Chemistry Induction Work: Phase 1

Welcome!

- Welcome to A level Chemistry, I hope that you are looking forward to embarking on the course, building on your understanding of chemistry from GCSE and seeing where it is found or used in the world around us every day. Chemistry is a truly fascinating subject, which was born out of the experiments of the Alchemists (the source of the word chemist). It has positively impacted mankind (e.g. through development of medicines and materials), negatively (e.g. through damage to the ozone layer) and provides an interesting tool to investigate history (e.g. in March last year it was shown that analysis of glaciers shows the rise and fall of lead extraction in England during the 12th century – it is fascinating)!

What work is being set?

In this first phase, you have been set the following work:

1. Complete the Microsoft Form (using the link or QR code below) about the main topics from A-Level Chemistry (identifying areas you identify as strengths and weaknesses).

<https://forms.office.com/Pages/ResponsePage.aspx?id=ALV0CGtJAKCS-T05uDMt-o72Kv-XQJLrvG1CI40-ZRUQlhRU0IIWDJQWVIMS0haNE4xMDY1U01ETS4u>



2. Read the GCSE to A-Level key concepts document. Pay attention to reviewing any concepts that you are less confident with.
3. Check that you know and can complete the points mentioned in the A-level ready checklist. You could get someone at home to test you with these.
4. Answer the baseline test questions (you should email your work so that it can be marked, e.g. in the word document / as photos). You can complete this under exam conditions or 'open book', just say which you have done when you submit your work.
5. For all students, but particularly for those who completed combined science at GCSE – you have been provided with the specification statements that were covered in separate chemistry at GCSE. You should read through these as there will be people in the class who have completed both courses and it will help with your confidence if you know that a particular topic was covered in separate science at GCSE which is why some students may seem to 'learn' those topics quicker than you.

I have also attached a possible reading list if you were interested in reading any other interesting books / listening to relevant podcasts for a wider appreciation of the impact of Chemistry on our lives.

How long should I spend on this work?

- It is expected that you spend five hours on this first phase of work.

Who should I send this work to and / or who should I contact with any questions?

- Dr Ovens – aco@hardenhuish.wilts.sch.uk

How and when to submit work:

- Complete the Microsoft Form (task 1) and submit your answers to the baseline assessment (task 4) via e-mail by the Phase 1 deadline – Monday 21st June.