

A Level Chemistry



At Meden College

You are expected to complete independent work during any non-contact time or if there is any teacher absence.

Below are any tasks that should be completed as ongoing extended work and can be done if no work has been set by an absent teacher

Improving your learning and skills

Know your practical's

Revisit previous required practical's and look over the methods, can you re-write parts of it if needed or know why certain steps are required.

Know and understand terminology

Create a key word glossary for each topic, this will improve you written and verbal chemistry to ensure you are **speaking like a chemist** and using the correct **terminology**.

Expand your knowledge

Read articles outside the specification using websites such as

<https://www.sciencenews.org/topic/chemistry>

<https://www.newscientist.com/> <https://futurumcareers.com/articles>

<https://www.chemistryworld.com/>

Thinking like a Chemist

- Start looking for links – for example how does redox link to transition metals?
- If you do both biology and chemistry, what are the crossovers? Do you need to be using different responses for chemistry compared to biology? E.g. DNA and amino acids
- Have I utilised the correct chemistry terminology to demonstrate my understanding?

Every Week

- Consolidate your learning after each lesson into a flashcard – write out mechanisms, copy out equations, re-write definitions that you need to be able to recall etc
- Read the relevant text book pages and add any additional information to your notes
- Complete Up-Learn
- File Revision resources into the appropriate section of your folder
- Pre-read the next chapter in the text book

Every Term

- RAG your knowledge within each topic
- Prioritise areas of least confidence
- Re-visit any relevant GCSE content for the upcoming topic

Throughout the year

- Use Up-Learn Weekly
- Knowledge organisers
- Create a clear revision plan
- Know the command words and terminology for each topic
- Print off additional exam questions using the resources below

Revision Links

<https://www.physicsandmathstutor.com/chemistry-revision/a-level-aqa/>

<https://ckchemistry.co.uk/a-level-chemistry-resources/>

<https://www.youtube.com/playlist?list=PLPPwuplVvW5u7WugWBKJvfmmeAqPNg7Yy>

<https://www.youtube.com/playlist?list=PL7O6CcKg0HaFevL5r4HQxQDLUIpdDhnVS>