**A Level Chemistry Study Period Guide – Autumn Term 2022**

**This guide is designed to help students with their independent revision for Year 12 Chemistry in their study periods this term.**

**Which topics will you be studying?**

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| **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 click the below link

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

**What useful revision activities should I be doing?**

* 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

**Useful Resources:**

* Edexcel Student Revision Guide (Hodder Education).
* Seneca – an online revision tool that helps students revise and practice exam questions.
* Dynamic Learning – all students have access to an online textbook.
* [www.chemsheets.com](http://www.chemsheets.com) – a useful revision website with a small annual subscription
* <https://www.physicsandmathstutor.com/chemistry-revision/>
* [https://chemrevise.org/3-edexcel-revision-guides/](https://chemrevise.org/3-edexcel-revision-guides/%20) – lots of revision materials organised into topic booklets.

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| **This terms useful online resources:** | **This terms useful reading** |
| Snap revise - 4 Top Tips for revising Chemistry A Level   * <https://www.youtube.com/watch?v=Zo7dvW0V8Bc>   Podcasts on Spotify from Seneca:   * <https://open.spotify.com/show/3GoSpQqvZUXTorK6gSvLs7#login>   Videos on each topic:  <https://machemguy.wordpress.com/2016/12/27/index-for-my-videos/> | Royal Society of Chemistry – read all about the latest developments in the chemical industry and in research.  [www.rsc.org](http://www.rsc.org)  BBC Science and Environment website – keep up to date with Chemistry in the news:  <https://www.bbc.co.uk/news/science_and_environment> |