A-Level Chemistry

Reading List and Further Research





Bridging to A-Level Chemistry at Edgbarrow School

Here is a reading list and selection of activities that can be found online for those intending to study A-level chemistry at Edgbarrow School. Please note we follow the OCR B (Salters) chemistry course. This will help you prepare for your start to A-level Chemistry.

For trilogy students only. Go to Kerboodle online.

Read the following sections that are in **GCSE chemistry** but not science trilogy and make some notes. These chapters will start the bridge to A level:

- C10 organic reactions
- C11 polymers
- C15 using our resources
- C4 chemical calculations

For all prospective A-level chemistry students. Go to Kerboodle online.

On the Kerboodle home page, go to

- A level Sciences for OCR. At Edgbarrow school we follow the OCR B (Salters) H033/H433 course.
 - Click on A-level Salters Chemistry for OCR B (not A) textbook.
 - Read Chapter 1 Elements of Life P6-67

For all prospective A-level Chemistry students.

I will be setting you some GCSE-level exercises so that we can refresh key topics that form the basis of A-level Chemistry.

Once I know who is planning to take Chemistry at A-level I will set up a group on Google Classroom. If that includes you, send me an email - <u>alan.law@edgbarrowschool.co.uk</u>

Other online resources

- Sudoku-style activities to consolidate chemistry. Try level 1 or level 2 Gridlock topics at http://www.rsc.org/learn-chemistry/resources/gridlocks/level-2.html
- For chemical calculations: https://www.fuseschool.org/topics/64?PHPSESSID=19399a32a61011dec022162f7fa8b5a0
- Different types of bonding: <u>https://www.youtube.com/user/virtualschooluk/search?query=bonding</u>
- Explore the OCR B chemistry website at <u>https://www.ocr.org.uk/qualifications/as-and-a-level/chemistry-b-salters-h033-h433-from-2015/</u> make sure it is OCR B (Salters) H033/ H433
- Building at atom simulator at: https://phet.colorado.edu/en/simulation/build-an-atom
- Chemguide at https://www.chemguide.co.uk/index.html#top : start with atomic structure and bonding section

Thanks, Mr Law