

## CHEMISTRY A LEVEL

For students who are thinking of taking A-level Chemistry in September, welcome aboard! It is a long time from finishing GCSEs to starting A levels in September and as such we have put together some ideas to help. In preparation for the course, it would be beneficial to become familiarised with the work outlined below.

Topics for you to consider include:

1. Bonding and structure - ionic, covalent and metallic
2. Structure of the atom - protons, neutrons, electrons, Isotopes, mass numbers etc..
3. Organic chemistry - alkanes/alkenes, naming and drawing them
4. Mole calculations (reacting mass and titrations)
5. Define the following terms. mole empirical formula molecular formula general formula structural formula displayed formula Skeletal formula Enjoy!!

The following websites below are also great:

- [www.chemguide.co.uk](http://www.chemguide.co.uk)
- [www.chemrevise.org](http://www.chemrevise.org)
- [www.rsc.org](http://www.rsc.org)
- [www.knockhardy.org.uk](http://www.knockhardy.org.uk)
- <https://www.daltonchemistrytuition.com/webinars/>