

## **CHEMISTRY A LEVEL**

For students who are thinking of taking A-level Chemistry in September, welcome aboard! it may seem a long time from the start of lockdown 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/>

<https://daltonchemistrytuition.us2.list-manage.com/track/click?u=c1be166d2eb8741380d0aaddc&id=5d084abad5&e=8bb4f2252e>

If you are a current KEVI student and have access to SWITCH, you will find a folder in chemistry/students/KS5/bridging work that contains worksheets to help you practice these concepts.