

## Getting Started with...

# CHEMISTRY

### Welcome!

#### Get a 'Head Start':

You can download a *FREE kindle edition* of CGP "Head Start to Chemistry" on Amazon using the link below. (Paper versions need purchasing.)

[https://www.amazon.co.uk/Head-Start-level-Chemistry-Levelbook/dp/B00VE2NIGG/ref=sr\\_1\\_1?keywords=head+start+chemistry&qid=1585646594&sr=8-1](https://www.amazon.co.uk/Head-Start-level-Chemistry-Levelbook/dp/B00VE2NIGG/ref=sr_1_1?keywords=head+start+chemistry&qid=1585646594&sr=8-1)

**Core skills:** Tasks to do before you start with us in September –

1. **Follow** the link to look at the A level Chemistry Specification:

You don't need to read it all of course, but pages 8 -10 give you an overview of the course:

<https://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-7404-7405-SP-2015.PDF>

or even easier, the 'Specification At a Glance' is here:

<https://www.aqa.org.uk/subjects/science/as-and-a-level/chemistry-7404-7405/specification-at-a-glance>

2. **Build on** your GCSE knowledge...

All the topics you did at GCSE are relevant and are built on and expanded at A level. Make sure your Chemistry foundations are strong!

#### Useful revision:

BBC Bitesize

Seneca Learning:

<https://app.senecalearning.com/classroom/course/e39e7f70-d100-11e7-9b85-bbf8589a9044/section/2ba6dc30-d44f-11e7-a770-ab5143c60c9e/session>

Also misconceptions tackled:

<https://app.senecalearning.com/classroom/course/95501e05-2cb1-4d9e-85f7-7ba352161c97/section/a41de5ef-5e4e-4231-8cfe-6c49606f13c5/session>

YouTube has a lot too:

e.g. The Mole

<https://www.youtube.com/watch?v=TEl4jeETVmg&t=148s>

Periodic videos are always informative and entertaining

<https://www.youtube.com/user/periodicvideos>

**Challenge tasks:** Push yourself to develop your skills further...

3. **Choose and sign up** for a short online MOOC: for example

<https://www.futurelearn.com/courses/everyday-chemistry>

4. **Investigate** the ethics of Chemistry:

Research Alfred Nobel and Fritz Haber (they had several discoveries)

Which other chemists can you find?

Consider what they discovered and how their discoveries were used.

Write an article about the ethics of Chemistry:

What can a Chemist do when a discovery can be used for good and bad intentions?

**5. Looking ahead:**

Find out more about where Chemistry can take you:

<https://79590737.flowpaper.com/Chemistry2020/>

***Any questions? Feel free to contact the subject leader on***

[csmith@thehinckleyschool.co.uk](mailto:csmith@thehinckleyschool.co.uk) Mrs C. Smith, Head of Science