**AS Level Chemistry**

A guide to help you prepare yourself for studying AS Level Chemistry



**Before starting AS level Chemistry**

It is really important that you thoroughly understand the core principles of Chemistry that you studied at GCSE as it will be expected that you know how to confidently and competently complete questions of this level from GCSE during the AS level course.

In the table below are some links to resources that will help you refresh and build upon your GCSE studies.

|  |  |
| --- | --- |
| Area of Study | Link |
| Mole Calculations | <https://www.youtube.com/watch?v=dO0kjefmunk>  |
| % Yield | <https://www.youtube.com/watch?v=--3gzdOpz9I> |
| Hydrocarbons | <https://www.youtube.com/watch?v=S5et1nz_5po> |
| Concentrations | <https://www.youtube.com/watch?v=x4QxYDyHst0>  |
| Chemical Formula | <https://drive.google.com/drive/folders/1dwS-Ah-UYBECXcfL7RA7N9FwGO6_DBwm> |
| Relative Molecular Mass | <https://drive.google.com/drive/folders/11m4ra6GaOeb24JwB0qhEnRyXahZbMWlT> |
| Balancing Equations | <https://drive.google.com/drive/folders/1dwS-Ah-UYBECXcfL7RA7N9FwGO6_DBwm> |

**Open University Courses**

1. Discovering Chemistry

Covering balancing equations, the structure of compounds, the periodic table, isotopes and atomic and mass numbers

<https://www.open.edu/openlearn/science-maths-technology/chemistry/discovering-chemistry/content-section-overview?active-tab=description-tab>

1. The Science of Alcohol

Covering fermentation, the production of spirits such as Gin, alcoholic drink flavouring and the effects of alcohol on the body.

<https://www.open.edu/openlearn/science-maths-technology/the-science-alcohol/content-section-overview?active-tab=description-tab>

1. The Molecular World

Covering the properties of molecules and organic chemistry.

<https://www.open.edu/openlearn/science-maths-technology/chemistry/the-molecular-world/content-section-0?active-tab=description-tab>

**Additional Resources**





For Open University and Swansea University resources and courses.

<https://hwb.gov.wales/distance-learning/resources/post-16/>

For Chemistry Past Papers

 <https://www.wjec.co.uk/qualifications/chemistry-as-a-level/#tab_pastpapers>

For the Chemistry specification

<https://www.wjec.co.uk/qualifications/chemistry-as-a-level/#tab_overview>