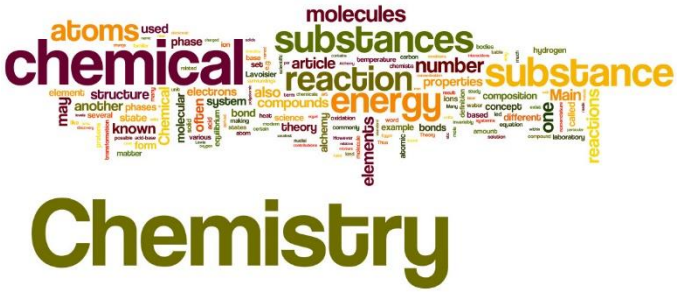
Chemistry Transition Overview (2024)



Hello Year 11 and welcome to A level Chemistry.

This sequence of tasks will hopefully help you bridge the gap between GCSE science and A level chemistry. Making your return to school in September easier to manage.

There are three tasks that you should complete.

Task 1 – Knowledge

You need to consolidate your knowledge of chemistry from GCSE and start to develop further knowledge to help prepare you for A level chemistry by completing the free OpenLearn course 'Discovering Chemistry' provided by the Open University.

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

This course will take approximately 24 hours to complete (you can do it over a few days but there are 8 sections and it is recommended that you do 2 a week for 4 weeks). On successful completion of the course (you will need to register) you will achieve a badge and a certificate of participation. Evidence of one or both of these will be needed, please email to Dr Kissick (jkissick@littleheath.org.uk).

Task 2 – Glossary Task

One of the initial challenges in studying A Level chemistry is the huge range of symbols, nomenclature and terminology you need to recognise and be able to use. This list is just a beginning, but over the two years of study your understanding and use of the language of chemistry will expand, as will your confidence.

Please follow the instructions on the glossary worksheet and complete as many of the boxes as you can. If there is anything that you are unsure about please do not worry as they will all be covered in the first chapter of the A level course and you can upgrade your work.

Task 3 – Research and Presentation

Both research and presentation are important for any scientific career. This transition task will help you appreciate how to use your current knowledge and understanding to research a topic in order to develop your knowledge and understanding. It will also allow you to practice extracting relevant information and presenting it concisely in a scientific way.

All the details are outlined in the task sheet.

This work is all due on Friday 13th September to Dr Kissick (Head of Chemistry) either via email (jkissick@littleheath.co.uk) or in person Lab C10 Science Block.