

Chemistry

The Edexcel A Level Chemistry course is designed to be stimulating, enjoyable and challenging for the students who successfully completed double or triple Science GCSE. Success with A level chemistry will prepare you for a future in chemistry, pharmacy, pharmacology, chemical engineering, biochemistry, biomedical sciences, medicine and dentistry.

Recommended reading for Chemistry students:

A Short History of Nearly Everything by Bill Bryson (Witty, engaging, a truly impressive book)

1. Text book required in September

Every student will need the following textbook:

Edexcel Chemistry 1 (includes AS level) Authors: Graham Curtis, Andrew Hunt, Graham Hill ISBN 978-1-4718-0746-6 Publisher: Hodder Education

We strongly recommend that you familiarise yourself with the websites listed below:

(a) Specification:

https://qualifications.pearson.com/content/dam/pdf/A%20Level/Chemistry/2015/Specification%20and%20sample%20assessments/A_level_Chemistry_2015_Specification.pdf

(b) Specimen materials:

<https://qualifications.pearson.com/content/dam/pdf/A%20Level/Chemistry/2015/Specification%20and%20sample%20assessments/A-level-Chemistry-2015-SAMs.pdf>

2. Chemistry A Level Summer work (Compulsory)

As you know, there is a significant jump from GCSE to A level. To help you prepare for your A Level studies you should do some 'bridging' work before September. Please complete the questions in the booklet with the link: <https://www.colfox.org/wp-content/uploads/2016/07/Chemistry-A-Level-Summer-Work-2016-1.pdf>

You can check your answers with the answers section at the end of the booklet.

The completed booklet needs to be submitted to teachers in the first week of September

3. Useful website:

Royal Society of Chemistry <https://edu.rsc.org/student>

There are wide range of inspiring and interactive resources highlight the interconnectivity and relevance of chemistry in the modern world.