

## 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>

(c) 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 in the title of "A- Level Holiday Homework – Chemistry" with the link: <https://www.st-michaels.barnet.sch.uk/sixth-form/applying-to-6th-form/>

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***

#### 2. 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.