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SPRINGBOARD



A-Level Chemistry

OUR COURSE DETAILS

The Bilborough Chemistry department helps to create the scientists and doctors of tomorrow, as well as being a popular choice for a range of progression routes.

We strive for excellence and will push you hard to achieve your goals. The 2020 Ofsted report refers to us in a very positive manner, as did the previous report, and describes how our planning pushes students to "go well beyond the requirements of qualifications" so that you are fully prepared for university. Every member of our teaching staff has a Chemistry degree, most have Chemistry doctorates and all have been teaching A-level Chemistry for over 10 years at Bilborough!



PREPARING FOR STUDY

Try to work through this book before enrolment
<https://www.amazon.co.uk/Head-Start-level-Chemistry-Level/dp/1782942807> The kindle version is free.

We will provide you with lots of great textbooks but if you are definitely doing Chemistry you will need to buy your own copy of this next book.
Read the reviews to see why it is essential.

Try to work through at least chapter 1 before enrolment but more if you can: https://www.amazon.co.uk/gp/product/0582411270/ref=dbs_a_def_rwt_bibl_vppi_i1



EMPLOYABILITY

There are a myriad of careers linked to Chemistry – you could check out a few of them at

- <https://edu.rsc.org/future-in-chemistry>
- <https://www.prospects.ac.uk>
- <https://www.ucas.com/job-subjects/chemistry>



FILMS

- <http://www.periodicvideos.com/> great stuff!
- <http://www.wothers.com/> Explosions and more!
- Contagion (if you can face it) <https://>

UNIVERSITY COURSES

Our students go on to study a huge range of courses, not just the very popular choices
Chemistry and Medicine:

You probably already have a free UniFrog account via school (if not ask them why) – that's the best site

Or try this <https://www.theuniguide.co.uk/exploratory-widgets/a-level-explorer>

Or this

<https://www.prospects.ac.uk/careers-advice/what-can-i-do-with-my-degree>



OUR TOP READS

There are lots here, have a read of the reviews to see what appeals <https://www.goodreads.com/shelf/show/science-chemistry>



USEFUL ONLINE LINKS

Dip into these to get a taste of the course content and get a head start

<https://machemguy.wordpress.com/2016/12/27/index-for-my-videos/>

Reinforced by this

<https://www.chemguide.co.uk/index.html#top>

The Magic of Chemistry - with Andrew Szlo: <https://www.youtube.com/watch?v=0g8lANs6zpQ>

Don't wreck your kitchen, keep safe.

<https://www.thoughtco.com/kitchen-science-experiments-for-kids-604169>



PEOPLE TO RESEARCH

<https://www.thecompleteuniversityguide.co.uk/courses/chemistry/top-ten-greatest-chemists-of-all-time>

6 Chemical Reactions That Changed History: <https://www.youtube.com/watch?v=jb4CMnT2-ao>

<https://www.superprof.co.uk/blog/most-famous-chemist>



LINKS TO THE SPECIFICATIONS

We find the well-respected OCR-A Chemistry specification far better than AQA that many centres use. Two members of our team hold very senior positions within OCR.

<https://www.ocr.org.uk/Images/171720-specification-accredited-a-level-gce-chemistry-a-h432.pdf>