

SUBJECT:

If you are interested in studying this subject at A Level, please see below for a range of things that you can do to help you bridge the gap between GCSE and A Level, and make a flying start when you join us.

A Level Specification that we use	OCR Salters B
5 to Read - Recommended Reading	<ul style="list-style-type: none"> - New Scientist - CGP Essential Maths skills for A-Level Chemistry https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science/chemistry/cmr71-a-level-chemistry-essential-maths-skills - The Pleasure of Finding Things Out - Richard Feynman - - Periodic Tales - Hugh Aldersey-Williams - The Disappearing Spoon - Sam Kean
5 to Watch - Documentaries and Films	<ul style="list-style-type: none"> - Periodic Table of Videos by Martyn Poliakoff www.youtube.com - The link below contains lots of Chemistry related documentaries https://cosmolearning.org/chemistry/documentaries/
5 to Browse - Useful Websites for general research	<p>Specification and info on course: https://www.ocr.org.uk/qualifications/as-and-a-level/chemistry-b-salters-h033-h433-from-2015/</p> <p>Website with typical exam style questions on: https://www.physicsandmathstutor.com/chemistry-revision/a-level-ocr-b/</p> <p>Doc Brown – GCSE Revision notes and quizzes: http://www.docbrown.info/page17/2016ocr21chemB1c.htm</p>

	<p>Maths and Physics tutor – GCSE notes: https://www.physicsandmathstutor.com/chemistry-revision/gcse-ocr-b/chemical-analysis/</p>
<p>Other Suggestions</p>	<p>Use the resources on BBC Bitesize and Doc Brown’s site to revise the following GCSE content in preparation for A level:</p> <ul style="list-style-type: none"> • Moles https://www.bbc.co.uk/bitesize/guides/z26f8mn/revision/1 https://www.bbc.co.uk/bitesize/guides/zqcjsrd/revision/1 https://www.bbc.co.uk/bitesize/guides/z99dpbk/revision/1 • Electrolysis https://www.bbc.co.uk/bitesize/guides/zyh8tv4/revision/1 • Titration https://www.bbc.co.uk/bitesize/guides/z99dpbk/revision/2 • Rates of reaction https://www.bbc.co.uk/bitesize/guides/zt7sk2p/revision/1 • Atomic and electron Structure https://www.bbc.co.uk/bitesize/guides/zp3dh39/revision/1 • Alkanes, alkenes, carboxylic acids, alcohols https://www.bbc.co.uk/bitesize/guides/z2qr7p3/revision/1 • Bond energy calculations https://www.bbc.co.uk/bitesize/guides/z8k2y4j/revision/4 • Group 1 and Group 7 reactions https://www.bbc.co.uk/bitesize/guides/z9js97h/revision/6 • Acid reactions https://www.bbc.co.uk/bitesize/guides/zqjhci6/revision/1 • Covalent, ionic and metallic bonding https://www.bbc.co.uk/bitesize/guides/zyqgqhv/revision/1 https://www.bbc.co.uk/bitesize/guides/z2mbjty/revision/1 https://www.bbc.co.uk/bitesize/guides/z8gx3k7/revision/1 https://www.bbc.co.uk/bitesize/guides/z8kgqhv/revision/2 • Equilibrium and Le Chatelier’s principle https://www.bbc.co.uk/bitesize/guides/ztbqfcw/revision/1 • Exothermic and endothermic reactions https://www.bbc.co.uk/bitesize/guides/z8k2y4j/revision/1

	<ul style="list-style-type: none">• Quizzes on Doc Brown site: http://www.docbrown.info/page17/2016ocr21chemB1c.htm
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