

Chemistry

Bridging texts

- Head start to A level Chemistry by CGP Books. ISBN 9781782942801
- Specification link: <https://www.ocr.org.uk/Images/171720-specification-accredited-a-level-gce-chemistry-a-h432.pdf>
- Mathematical skills handbook link: <https://www.ocr.org.uk/Images/295468-chemistry-mathematical-skills-handbook.pdf>
- Practical skills handbook link: <https://www.ocr.org.uk/Images/208932-chemistry-practical-skills-handbook.pdf>

Wider Reading

- 'Elemental' by Tim James
- 'Molecules at an exhibition' by John Elmsley
- 'The Disappearing Spoon' by Sam Kean
- Better looking, better living, better loving : how chemistry can help you achieve life's goals by John Elmsley
- Magic molecules – how drugs work by Aldridge, Susan
- Periodic Tales by Hugh Aldersey-Williams
- Stuff Matters: Exploring the Marvelous Materials That Shape Our Man-Made World by Mark Miodownik
- The Chemistry of Fragrances by David H. Pybus (Author), C.S. Sell (Author)
- The Truth About Hormones by Vivienne Parry

Enrichment Activities

- The Periodic Table videos from the University of Nottingham <http://www.periodicvideos.com/>
- Animations of organic reactions mechanisms from ChemTube3d <https://www.chemtube3d.com/alevel/>
- A wide range of engaging resources (simulations, screen experiments) for students from RSC <https://edu.rsc.org/resources/secondary>
- Chemistry World magazine from the RSC <https://www.chemistryworld.com/>

Other useful resources

- Top chemistry documentaries <https://cosmolearning.org/chemistry/documentaries/>
- Radio series – In their element (Radio 4)



- TV Series – The Wonders of the Universe (BBC)
- Website – Royal Society of Chemistry
- Netflix:
 - Bill Nye: Science Guy (2017)
 - American Experience: Tesla (2016)
 - The Most Unknown (2018)
 - Into The Inferno (2016)
- Films:
 - GATTACA
 - Weird Science
 - Real genius