



## Chemistry

### Bridging Text

Head Start to A-level Chemistry By CGP Books: <https://www.amazon.co.uk/Head-Start-level-Chemistry-Level/dp/1782942807>

Chemistry specification link: <https://www.ocr.org.uk/qualifications/as-and-a-level/chemistry-a-h032-h432-from-2015/>

A-Level Chemistry: Essential Maths Skills:

[https://www.amazon.co.uk/Level-Chemistry-Essential-Skills-delete-ebook/dp/B01MSB1KI4/ref=pd\\_sim\\_ebk\\_14\\_4/261-0506546-6141460?encoding=UTF8&pd\\_rd\\_i=B01MSB1KI4&pd\\_rd\\_r=a7943656-a619-450f-8f54-53b70e664509&pd\\_rd\\_w=vri9x&pd\\_rd\\_wg=dTF7u&pf\\_rd\\_p=538a73b0-f31b-4f02-8637-79c64aaecbdf&pf\\_rd\\_r=4J4YGKX5QH7S6ACSPS8M&psc=1&refRID=4J4YGKX5QH7S6ACSPS8](https://www.amazon.co.uk/Level-Chemistry-Essential-Skills-delete-ebook/dp/B01MSB1KI4/ref=pd_sim_ebk_14_4/261-0506546-6141460?encoding=UTF8&pd_rd_i=B01MSB1KI4&pd_rd_r=a7943656-a619-450f-8f54-53b70e664509&pd_rd_w=vri9x&pd_rd_wg=dTF7u&pf_rd_p=538a73b0-f31b-4f02-8637-79c64aaecbdf&pf_rd_r=4J4YGKX5QH7S6ACSPS8M&psc=1&refRID=4J4YGKX5QH7S6ACSPS8)

### M

### Wider Reading

- 'The Disappearing Spoon' by Sam Kean
- 'Molecules at an exhibition' by John Elmsley
- 'Elemental' by Tim James
- Periodic Tales by Hugh Aldersey-Williams
- Stuff Matters: Exploring the Marvelous Materials That Shape Our Man-Made World by Mark Miodownik

### Enrichment Activities

- Research the development of a new drug. What are the difficulties with doing this? How long does it take? How are new drugs tested? What is intellectual property and how does it apply to drugs? What are generic drugs?
- Radio series – In their element (Radio 4)

- TV Series – The Wonders of the Universe (BBC)
- Website – Royal Society of Chemistry
- Royal institute Christmas lectures <https://www.rigb.org/christmas-lectures/watch>