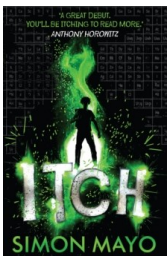
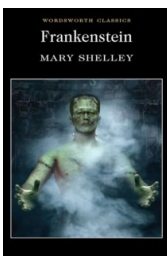


Fiction & Biography



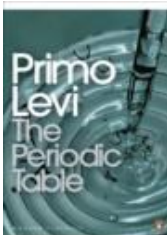
Itch by Simon Mayo

Itchingham Loft—Itch - is fourteen, and loves science, especially chemistry. Science is his weapon. Elements are his gadgets.



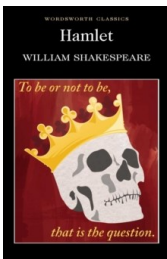
Frankenstein by Mary Shelley

This gothic horror novel, tells the story of Victor Frankenstein, driven by the mad dream of creating his own creature, experimenting with alchemy and science to build a monster stitched from dead remains.



The Periodic Table by Primo Levi

Science, personal record, history and anecode. Levi uses his training as an industrial chemist in this biography which details his hellish existence as an Auschwitz intern.



Hamlet by William Shakespeare

Something is rotten in the state of Denmark. It certainly is with poison featuring heavily in this tale of murder, love, insanity and revenge.



Down Among the Sticks and Bones by Seanan McGuire

Twin girls ,Jack and Jill find themselves thrust into a world of monsters and mad scientists in this urban fantasy.

Websites

- www.rsc.org
- www.chemistryworld.com
- www.newscientist.com
- www.stem.org.uk
- www.chemguide.co.uk

Podcasts & You Tube

- **5 Live Science** — Dr Karl, plus Naked Scientists Chris Smith and Kat Arney with the hottest science news stories and analysis.
- **BBC Radio 4 —I n Their Element** —S cientists tell the stories of different elements, why they matter for chemistry and civilisation as a whole.
- **BBC Radio 4 The Infinite Monkey Cage** — Witty, irreverent look at the world through scientists' eyes, with Brian Cox and Robin Ince.

Inspiration

“We must have perseverance and above all confidence in ourselves. We must believe that we are gifted for something and that this thing must be attained.”

Marie Curie

Learning Resource Centre 2023/24

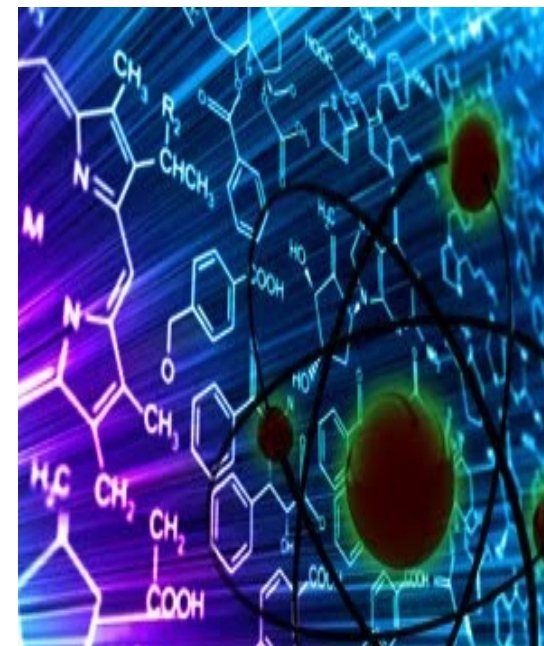


CHEMISTRY

SUBJECT RESOURCES FOR R6 STUDENTS

All are available from the

LEARNING RESOURCE CENTRE



Learning Resource Centre 2023/24

Non-Fiction

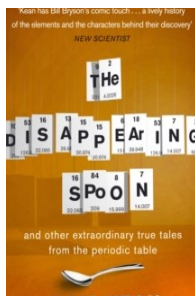
Books you may find useful to broaden your

Chemistry knowledge will be found in all libraries under the following Dewey Decimal numbers:

Science: 500 **Chemistry:** 540

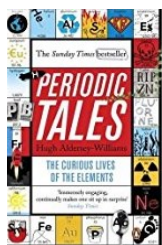
Mathematics: 510 **Industrial chemistry:** 660

Biochemistry: 574 **Pharmaceuticals:** 616



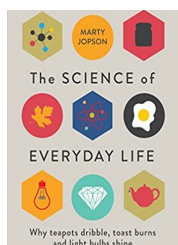
The Disappearing Spoon by Sam Kean

These fascinating tales follow the elements as they play out their parts in human history, finance, mythology, conflict, the arts, medicine and the lives of the frequently mad scientists that discovered them. **540**



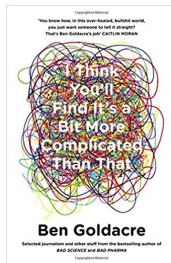
Periodic Tales: The Curious Lives of the Elements by Hugh Aldersey-Williams

Packed with fascinating stories and unexpected information about the building blocks of our universe. **546**



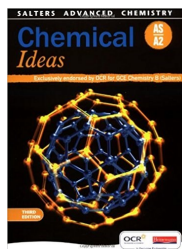
The Science of Everyday Life: Why Teapots Dribble, Toast Burns and Light Bulbs Shine by Marty Jopson

A fascinating scientific tour of the chemistry and physics of everyday household items. **500**



I Think You'll Find It's a Bit More Complicated Than That by Ben Goldacre

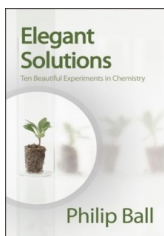
Featuring over a hundred funny and skilful scientific take-downs from one of Britain's wittiest and fearless commentators. **500**



Chemical Ideas Salters GCE Chemistry Series

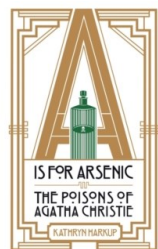
Explaining chemical principles essential for the understanding of the A level syllabus. **540**

*Mr Pittaway's Top Tip



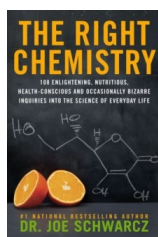
Elegant Solutions: Ten Beautiful Experiments in Chemistry by Philip Ball

Chemistry and art combine for visual beauty with 10 stunning experiments. **540**



A is for Arsenic: The Poisons of Agatha Christie by Kathryn Harkup

Celebrating the use of science in these classic murder mysteries; knowledge gleaned by Chrisie following her work in a chemists during both world wars. **615**



The Right Chemistry by Dr Joe Schwarz

Bringing passion and immense knowledge to persuade readers that the pursuit of chemistry is a source of wonder, enlightenment and well-being. **540**

School Information

Exam Board: OCR

Subject Leader: Miss C Gallagher

Minimum grade required: GCSE grade 6 in Chemistry and another science or 6-6 in Combined Science and grade 6 in Maths.

Magazines & Periodicals

You may wish to consider subscribing to :



New Scientist

Covers current developments, news, reviews and commentary on science and technology.



Chemistry Review

Aimed at post-16 chemists, this journal is jam packed with short, accessible articles directly relating to the exam spec.



Catalyst

Aimed at students aged 14-19, Catalyst is packed with interesting articles on cutting edge science, interviews and new research written by leading academics.