



DENBIGH SCHOOL

Subject

Chemistry

Subject Shopping List

Essential

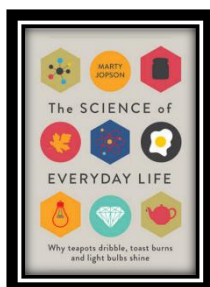
1. **WORKBOOK:** Revise OCR AS/A Level Chemistry Revision Workbook - for 2025, 2026 exams: Revision Workbook **CHEMISTRY REVISION WORKBOOK (PEARSON) , ISBN: 9781447984320 (OCR)**
2. **TEXTBOOK: buy one of the following**
OCR AS/A level Chemistry A Student Book 1 + ActiveBook **ISBN:9781447990789**
and OCR A level Chemistry A Student Book 2 + ActiveBook **ISBN:9781447990819**
OR
A Level Chemistry for OCR A Student Book **ISBN: 978-0-19-835197-9**
3. A4 ring binder (not a lever arch) for PAG activities to be complied over the 2 years of A-level – the folder will be left in class room
4. Scientific calculator

Optional

1. For those who have studied COMBINED Chemistry, in order to help you bridge the gap - Head Start to A-Level Chemistry (with Online Edition): bridging the gap between GCSE and A-Level
ISBN-13 : 978-1782942801
2. For those who are not taking A-level Maths as one of the subjects- A-Level Chemistry: Essential Maths Skills: for the 2027 and 2028 exams (CGP A-Level Essential Skills)
ISBN 13 978-1782944720

Suggest Reading and Activities

Books:

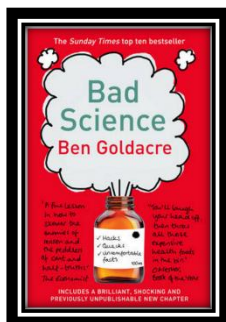


The Science of Everyday Life: Why Teapots Dribble, Toast Burns and Light Bulbs Shine (Hardback) Marty Jopson

ISBN-10: 1782434186

<http://bit.ly/pixlchembook2>

The title says it all really, lots of interesting stuff about the things around you home!



Bad Science (Paperback) Ben Goldacre

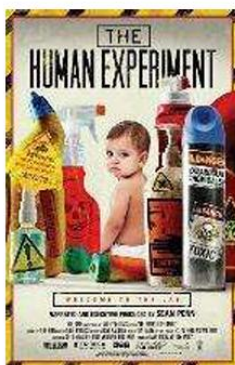
ISBN-10: 000728487X

<http://bit.ly/pixlchembook3>

Here Ben Goldacre takes apart anyone who published bad / misleading or dodgy science – this book will make you think about everything the advertising industry tries to sell you by making it sound 'sciency'.

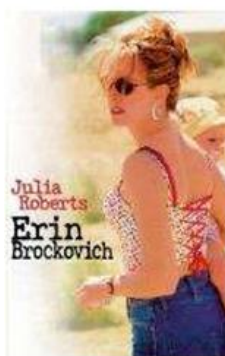
Movie recommendations

Everyone loves a good story and everyone loves some great science. Here are some of the picks of the best films based on real life scientists and discoveries. You won't find Jurassic Park on this list! We've looked back over the last 50 years to give you our top 5 films you might not have seen before. Great watching for a rainy day.



The Human Experiment
(2013)

A documentary that explores chemicals found in everyday household products.



Erin Brockovich (2000)

Based on a true story. An unemployed single mother becomes a legal assistant and almost single-handedly brings down a California power company accused of polluting a city's water supply.

TED talk recommendations

Here are some great presentations (and free!) from world leading scientists and researchers on a variety of topics. They provide some interesting answers and ask some thought-provoking questions. Use the link or scan the QR code to view:

Battling Bad Science

Available at :

https://www.ted.com/talks/ben_goldacre_battling_bad_science#t-44279

Every day there are news reports of new health advice, but how can you know if they're right? Doctor and epidemiologist Ben Goldacre shows us, at high speed, the ways evidence can be distorted, from the blindingly obvious nutrition claims to the very subtle tricks of the pharmaceutical industry.



How Spectroscopy Could Reveal Alien Life

Available at :

https://www.ted.com/talks/garik_israelian_what_s_inside_a_star

Garik Israelian is a spectroscopist, studying the spectrum emitted by a star to figure out what it's made of and how it might behave. It's a rare and accessible look at this discipline, which may be coming close to finding a planet friendly to life.

Websites:

<https://www.chemguide.co.uk/>

<https://www.s-cool.co.uk/a-level/chemistry>

<https://chemrevise.org/>

Science on Social Media

Here are some of our top tips to keep up to date with developing news or interesting stories:

Follow on Twitter:

Daily A Level Chemistry Facts – Daily Chemistry Facts (Based on the A-Level AQA spec but most facts work with all) **@chemAlevels**

Compound Interest– Graphics exploring everyday #chemistry. Winner of @absw 2018 science blog award **@compoundchem**

Royal Society of Chemistry - Promote, support and celebrate chemistry. Follow for updates on latest activities **@RoySocChem**