

Subject: Chemistry

Course: OCR A A-level chemistry

Lead teacher: Mrs A Ellis (aellis@oswba.co.uk)

Something to Read:

- **Periodic Tales: The Curious Lives of the Elements** (Paperback) Hugh Aldersey-Williams - This book covers the chemical elements, where they come from and how they are used. There are loads of fascinating insights into uses for chemicals you would have never even thought about.
- **The Science of Everyday Life: Why Teapots Dribble, Toast Burns and Light Bulbs Shine** (Hardback) Marty Jopson - The title says it all really, lots of interesting stuff about the things around you home!

Full list of books, articles and research links are available in the separate A-level chemistry transition pack

Something to Watch/Listen:

- **Rough science – the Open University – 34 episodes available**

Real scientists are 'stranded' on an island and are given scientific problems to solve using only what they can find on the island. Great fun if you like to see how science is used in solving problems.

There are six series in total

<http://bit.ly/pixlchemvid1a>

http://www.dailymotion.com/playlist/x2igjq_Rough-Science_rough-science-full-series/1#video=xxw6pr

or

<http://bit.ly/pixlchemvid1b>

<https://www.youtube.com/watch?v=IUoDWAt259I>

Full list of podcasts, movies and video links are available in the separate A-level chemistry transition pack

Something to Write:

Please refer to your A-level chemistry transition pack which contains a wide selection of books to read, films to watch, podcasts to listen to and research articles to explore. There are a range of research activities for you to complete over the summer holidays as well as a pre-subject knowledge quiz which will give you a head start in September.