








# CHEMISTRY

<p><b>EXPECTATIONS</b></p>	<p>➤ Remind yourself of the subject expectations and the syllabus by watching the Subject Video on the school website:  <a href="https://sixthform.fulford.york.sch.uk/curriculum-offer/">https://sixthform.fulford.york.sch.uk/curriculum-offer/</a></p>
<p><b>PURCHASE</b></p> 	<p>Recommended for both Y12 &amp; Y13: CGP AQA A-Level Chemistry Student Textbook.  ISBN: 9781789080476</p> <p>Sold in school at the start of Y12 for less than the cost on Amazon.</p>
<p><b>REVIEW</b></p> 	<p>Core content from GCSE. The most important units for Term 1 are:  C1 – Atomic Structure &amp; The Periodic Table  C2 – Structure &amp; Bonding  C3 – Quantitative Chemistry  C7 – Organic Chemistry</p>
<p><b>READ</b></p> 	<p>Periodic Tales: The Curious Lives of the Elements - Hugh Aldersey-Williams  ISBN: 0141041455  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.</p> <p>The Science of Everyday Life: Why Teapots Dribble, Toast Burns and Light Bulbs Shine - Marty Jopson ISBN: 1782434186  The title says it all really, lots of interesting stuff about the things around you home!</p> <p>Bad Science - Ben Goldacre ISBN: 000728487X  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’.</p> <p>Chemistry for Breakfast: The Amazing Science of Everyday Life - Mai Thi Nguyen-Kim  ISBN: 1778400329  An insider’s look into scientists’ minds, social interactions, and laboratories that will change the way that you view Chemistry in everyday life.</p>
<p><b>WATCH/LISTEN</b></p> 	<p>Periodic Videos: A video for every element of the periodic table, lots of other exciting experiments you always wanted to try and Martyn Poliakoff explaining it all!</p>  <p> The Modern Alchemist – Peter Wothers 2012 Royal Institution Christmas Lectures: Brilliant series of 3 lectures about the role of Chemistry through time explained by a professor from the University of Cambridge</p> <p>TED Talk: Just how small is an atom? Great, engaging talk about just how tiny atoms really are to get you thinking.</p> 



TED Talk: How Spectroscopy could reveal alien life: Fantastic talk on how cutting-edge chemistry is used to search for extra-terrestrial life.

**COMPLETE**



See additional documents: Chemistry Transition Questions.