

## Year 12 and 13 Independent Learning and Private Study Guide

Please find the following information for each course in year 12 and 13:


1. Recommended textbook/resources
2. Recommended electronic resources and websites

| Course / Subject | Recommended Textbook / Resources  | Recommended Electronic Resources and Websites   |
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| Art              | <p>Fine Art:</p> <p>Children's Book of Art: An Introduction to the World's Most Amazing Paintings and Sculptures (Dk) Hardcover – 1 Sept. 2009<br/>DK (Author)</p> <p>Watch the progression of artistic styles and techniques, such as oil painting, watercolour, pastels, and sculpture. Leonardo da Vinci, Claude Monet, Vincent van Gogh, Pablo Picasso, Frida Kahlo, Jackson Pollock, and Andy Warhol are just some of the big names from the past and present featured inside. Every talent's work is showcased through a signature piece supported by illuminating text, giving you a unique tour of each prestigious work of art.</p> <p>Art: The Definitive Visual Guide</p> <p>Author: Andrew Graham-Dixon</p> <p>Discover the history of art movements from classical Greek art to the Italian Renaissance, the Pre-Raphaelites, and the masters of Impressionism with a brand new edition of this classic bestseller. Truly comprehensive in scope, Art shows you masterpieces from over 700 artists, including Leonardo da Vinci, Picasso, and Van Gogh. An</p> | <p>Ted Talk by Alexa Meade- Your body is my canvas</p> <p><a href="https://www.ted.com/talks/alexa_meade?language=en#t-262476">https://www.ted.com/talks/alexa_meade?language=en#t-262476</a></p> <p>Websites:</p> <p><a href="https://www.studentartguide.com/">https://www.studentartguide.com/</a></p> <p><a href="https://www.theartnewspaper.com/">https://www.theartnewspaper.com/</a></p> <p><a href="https://www.artforum.com/">https://www.artforum.com/</a></p> <p><a href="http://www.artnews.com/">http://www.artnews.com/</a></p> <p><a href="http://artreport.com/">http://artreport.com/</a></p> <p><a href="http://www.tate.org.uk/art/artists/a-z">http://www.tate.org.uk/art/artists/a-z</a></p> <p><a href="https://www.artsy.net/artists">https://www.artsy.net/artists</a></p> <p><a href="https://artuk.org/discover/artists">https://artuk.org/discover/artists</a></p> <p><a href="https://www.tate.org.uk/art/art-terms/p/photography/a-z">https://www.tate.org.uk/art/art-terms/p/photography/a-z</a></p> |

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|                 | <p>invaluable reference book for any art lover, it showcases the works; everything from Italian baroque painting and African art to contemporary art history. Discover key facts about the most prominent artistic movements, including their origins and influences, and follow a timeline of the most famous works. Be inspired by the detail of each subject matter and methods each artist used to create their masterpieces, and explore centuries, cultures, and countries on the ultimate artistic journey across time.</p> <p>Thinking About Art: A Thematic Guide to Art History by Peter Huntsman (2015)</p> <p>What Are You Looking At? 150 Years of Modern Art in the Blink of an Eye by Will Gompertz (2016)</p> <p>Think Like an Artist by Will Gompertz (2015)</p> <p>Looking at Pictures by Susan Woodford (2018)</p> <p>The Art Book by Tom Melick (2014)</p> <p>The Art of Creative Thinking by Rod Judkins (2015)</p> <p>100 Artists' Manifestos from the Futurists to the Stuckists by Alex Danchev (2011)</p> | <p><a href="https://www.complex.com/style/2012/03/the-25-photographers-you-should-know/18">https://www.complex.com/style/2012/03/the-25-photographers-you-should-know/18</a></p>   |
| Art Photography | <p>Jeffrey, I &amp; Phaidon (2000) - The Photography Book</p> <p>Langford, M (1998 edition) - Story of Photography - For technical skills see Michael Longford's series of books</p> <p>Clarke, G (1997) - The Photography: A Visual and Cultural History</p> <p>Farrell, I (2011) - A Complete Guide to Digital Photography</p>   | <p>A Level:</p> <p><a href="https://www.aqa.org.uk/resources/art-and-design/as-and-a-level/art-and-design/plan/resource-and-support-guide">https://www.aqa.org.uk/resources/art-and-design/as-and-a-level/art-and-design/plan/resource-and-support-guide</a></p> <p>Links to articles and videos for inspiration:</p> <p><a href="https://www.thesun.co.uk/news/11317289/art-lovers-recreate-famous-paintings-coronavirus/">https://www.thesun.co.uk/news/11317289/art-lovers-recreate-famous-paintings-coronavirus/</a>; <a href="https://petapixel.com/2016/01/13/this-65-year-old-photographer-is-recreating-famous-paintings-as-self-portraits/">https://petapixel.com/2016/01/13/this-65-year-old-photographer-is-recreating-famous-paintings-as-self-portraits/</a><br/> <a href="https://www.thetimes.co.uk/article/at-home-with-the-masters-xbj508xrk">https://www.thetimes.co.uk/article/at-home-with-the-masters-xbj508xrk</a></p> |

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|         |   | <p>Youtube - Masters of Photography – Select a Photographer and Research/Analyse/Take some Photos from their inspiration:</p> <p><a href="https://www.youtube.com/channel/UCLHyRIUyTszllmLGmgNqBHw">https://www.youtube.com/channel/UCLHyRIUyTszllmLGmgNqBHw</a></p> <p>Masters of Photography – Sky Arts – Now Tv 348/Virgin 123/Sky 122/Talk Talk TV 303</p>   |
| Biology | <p>A level biology reading list</p> <p>Books</p> <p><b>Communicable diseases:</b></p> <ul style="list-style-type: none"> <li>Frank Ryan - Virus X: Understanding the Real Threat of New Viral Plagues</li> <li>Martin Blaser - Missing Microbes: How Killing Bacteria Creates Modern Plagues</li> </ul> <p><b>Evolutionary biology:</b></p> <ul style="list-style-type: none"> <li>Alice Roberts – The Incredible Unlikeliness of Being: Evolution and the making of us.</li> <li>Professor Menno Schilthuizen - Darwin Comes to Town: How the Urban Jungle Drives Evolution.</li> <li>Lee Alan Dugatkin - How to Tame a Fox (and Build a Dog): Visionary Scientists and a Siberian Tale of Jump-Started Evolution</li> </ul> <p><b>Genetics and genetic engineering</b></p> <ul style="list-style-type: none"> <li>Matt Ridley – Genome</li> <li>Jamie Metz - Hacking Darwin: Genetic Engineering and the Future of Humanity</li> <li>Jennifer. A. Doudna - A Crack in Creation: The New Power to Control Evolution</li> </ul> | <p><a href="http://www.arkive.org">www.arkive.org</a></p> <p><a href="http://www.ted.com/">http://www.ted.com/</a></p> <p><a href="http://www.thenakedscientists.com">www.thenakedscientists.com</a></p> <p>TV programmes by David Attenborough and George McGavin are always of interest</p> <p>There are some great TV series and box sets available too:</p> <p>Blue Planet<br/>Planet Earth I and II<br/>Icarus<br/>Blackfish<br/>The Ascent of Man<br/>Catastrophe<br/>Frozen Planet<br/>Life Story<br/>The Hunt and Monsoon.</p> <p>Movie Recommendations:<br/>Films/feature length documentaries</p> <ul style="list-style-type: none"> <li>GATTACCA</li> <li>Contagion</li> <li>The Immortal Life of Henrietta Lacks</li> <li>The Secret of Life</li> <li>Fantastic Fungi</li> </ul> |

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| <p>Human biology:</p> <ul style="list-style-type: none"> <li>• Daniel Lieberman - The Story of the Human Body: Evolution, Health, and Disease</li> <li>• Siddhartha Mukherjee - The Song of the Cell: An Exploration of Medicine and the New Human</li> </ul> <p><b>Ecology and Conservation:</b></p> <ul style="list-style-type: none"> <li>• M. R. O'Connor - Resurrection Science: Conservation, De-Extinction and the Precarious Future of Wild Things</li> <li>• Thor Hanson - Buzz: The Nature and Necessity of Bees</li> </ul> <p>Botany:</p> <ul style="list-style-type: none"> <li>• Suzanne Simard - Finding the Mother Tree: Uncovering the Wisdom and Intelligence of the Forest</li> </ul> <p>Biological/Medical ethics:</p> <ul style="list-style-type: none"> <li>• Rebecca Skloot - The Immortal Life of Henrietta Lacks</li> </ul> <p>Physiology:</p> <ul style="list-style-type: none"> <li>• Guy Brown - The Energy of Life</li> <li>• Frances Ashcroft – Life at the Extremes</li> </ul> <p>Neuroscience</p> <ul style="list-style-type: none"> <li>• Rita Carter - Mapping The Mind</li> </ul> <p>Sources of articles:</p> <p><a href="https://www.nature.com/scitable/">https://www.nature.com/scitable/</a></p> | <ul style="list-style-type: none"> <li>• Inside the Human body</li> </ul> <p>A New Superweapon in the Fight Against Cancer:<br/> <a href="http://www.ted.com/talks/paula_hammond_a_new_superweapon_in_the_fight_against_cancer?language=en">http://www.ted.com/talks/paula_hammond_a_new_superweapon_in_the_fight_against_cancer?language=en</a><br/> Cancer is a very clever, adaptable disease. To defeat it, says medical researcher and educator Paula Hammond, we need a new and powerful mode of attack.</p> <p>Why Bees are Disappearing:<br/> <a href="http://www.ted.com/talks/marla_spivak_why_bees_are_disappearing?language=en">http://www.ted.com/talks/marla_spivak_why_bees_are_disappearing?language=en</a><br/> Honeybees have thrived for 50 million years, each colony 40 to 50,000 individuals coordinated in amazing harmony. So why, seven years ago, did colonies start dying en-masse?</p> <p>What Doctors Don't Know About the Drugs They Prescribe:<br/> <a href="http://www.ted.com/talks/ben_goldacre_what_doctors_don_t_know_about_the_drugs_they_prescribe?language=en">http://www.ted.com/talks/ben_goldacre_what_doctors_don_t_know_about_the_drugs_they_prescribe?language=en</a><br/> When a new drug gets tested, the results of the trials should be published for the rest of the medical world — except much of the time, negative or inconclusive findings go unreported, leaving doctors and researchers in the dark.</p> <p>Growing New Organs:<br/> <a href="http://www.ted.com/talks/anthony_atala_growing_organs_engineering_tissue?language=en">http://www.ted.com/talks/anthony_atala_growing_organs_engineering_tissue?language=en</a><br/> Anthony Atalla's state-of-the-art lab grows human organs — from muscles to blood vessels to bladders, and more</p> <p>DNA and the Genetic Code:<br/> <a href="http://ed.ted.com/lessons/the-twisting-tale-of-dna-judith-hauck">http://ed.ted.com/lessons/the-twisting-tale-of-dna-judith-hauck</a><br/> <a href="http://ed.ted.com/lessons/where-do-genes-come-from-carl-zimmer">http://ed.ted.com/lessons/where-do-genes-come-from-carl-zimmer</a></p> <p>Evolution:<br/> <a href="http://ed.ted.com/lessons/how-to-sequence-the-human-genome-mark-j-kiel">http://ed.ted.com/lessons/how-to-sequence-the-human-genome-mark-j-kiel</a><br/> <a href="http://ed.ted.com/lessons/the-race-to-sequence-the-human-genome-tien-nguyen">http://ed.ted.com/lessons/the-race-to-sequence-the-human-genome-tien-nguyen</a></p> <p>Biodiversity:</p> |
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|                  | <p> <a href="https://www.thenakedscientists.com/articles/science-features/biology-articles">https://www.thenakedscientists.com/articles/science-features/biology-articles</a><br/> <a href="https://www.biologycorner.com/worksheets/articles/">https://www.biologycorner.com/worksheets/articles/</a><br/> <a href="https://www.sciencedaily.com/news/plants_animals/biology/">https://www.sciencedaily.com/news/plants_animals/biology/</a><br/> <a href="https://www.newscientist.com/article-topic/biology/">https://www.newscientist.com/article-topic/biology/</a> </p> <p>Sources of documentaries:</p> <p> <a href="https://www.bbc.co.uk/iplayer/categories/documentaries-science-and-nature/a-z">https://www.bbc.co.uk/iplayer/categories/documentaries-science-and-nature/a-z</a><br/> <a href="https://www.netflix.com/gb/browse/genre/48768">https://www.netflix.com/gb/browse/genre/48768</a> </p> | <p> <a href="http://ed.ted.com/lessons/why-is-biodiversity-so-important-kim-preshoff">http://ed.ted.com/lessons/why-is-biodiversity-so-important-kim-preshoff</a><br/> <a href="http://ed.ted.com/lessons/can-wildlife-adapt-to-climate-change-erin-eastwood">http://ed.ted.com/lessons/can-wildlife-adapt-to-climate-change-erin-eastwood</a> </p> <p>Exchange and Transport:</p> <p> <a href="http://ed.ted.com/lessons/insights-into-cell-membranes-via-dish-detergent-ethan-perlstein">http://ed.ted.com/lessons/insights-into-cell-membranes-via-dish-detergent-ethan-perlstein</a><br/> <a href="http://ed.ted.com/lessons/what-do-the-lungs-do-emma-bryce">http://ed.ted.com/lessons/what-do-the-lungs-do-emma-bryce</a> </p> <p>Cells:</p> <p> <a href="https://www.youtube.com/watch?v=gcTuQpuJyD8">https://www.youtube.com/watch?v=gcTuQpuJyD8</a><br/> <a href="https://www.youtube.com/watch?v=L0k-enzoeOM">https://www.youtube.com/watch?v=L0k-enzoeOM</a><br/> <a href="https://www.youtube.com/watch?v=qCLmR9-YY7o">https://www.youtube.com/watch?v=qCLmR9-YY7o</a> </p> <p>Biological Molecules:</p> <p> <a href="https://www.youtube.com/watch?v=H8WJ2KENIK0">https://www.youtube.com/watch?v=H8WJ2KENIK0</a><br/> <a href="http://ed.ted.com/lessons/activation-energy-kickstarting-chemical-reactions-vance-kite">http://ed.ted.com/lessons/activation-energy-kickstarting-chemical-reactions-vance-kite</a> </p> <p>Ecosystems:</p> <p> <a href="https://www.youtube.com/watch?v=jZKIHe2LDP8">https://www.youtube.com/watch?v=jZKIHe2LDP8</a><br/> <a href="https://www.youtube.com/watch?v=E8dkWQVFAoA">https://www.youtube.com/watch?v=E8dkWQVFAoA</a> </p> <p>Control Systems:</p> <p> <a href="https://www.youtube.com/watch?v=x4PPZCLnVKA">https://www.youtube.com/watch?v=x4PPZCLnVKA</a><br/> <a href="https://www.youtube.com/watch?v=x4PPZCLnVKA">https://www.youtube.com/watch?v=x4PPZCLnVKA</a> </p> <p>Energy for Biological Processes:</p> <p> <a href="https://www.youtube.com/watch?v=00jbG_cfGuQ">https://www.youtube.com/watch?v=00jbG_cfGuQ</a><br/> <a href="https://www.youtube.com/watch?v=2f7YwCtHcgk">https://www.youtube.com/watch?v=2f7YwCtHcgk</a> </p> |
| Business Studies | <p>Brilliant Marketing (Hall)</p> <p>The Advertising Concept Book (Barry)</p> <p>Guerilla Marketing (Levinson)</p> <p>The Strategy Book (McKeown)</p> <p>Strategy (Harvard Business Essentials)</p> <p>Adventures of a Global Entrepreneur (Branson)</p>   | <p>APPS for Business:</p> <div data-bbox="1173 1187 1684 1327">  </div> <p>News websites for Business:</p> <p>The Guardian: <a href="https://www.theguardian.com/uk/business">https://www.theguardian.com/uk/business</a></p>  |

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|           | <p>Anyone Can Do It (Bannatyne)</p>  | <p>The Independent: <a href="https://www.independent.co.uk">https://www.independent.co.uk</a></p> <p>The FT: <a href="https://www.ft.com">https://www.ft.com</a></p> <p>Reuters: <a href="https://www.reuters.com/">https://www.reuters.com/</a></p> <p><a href="https://www.tutor2u.net/business">https://www.tutor2u.net/business</a></p>   |
| Chemistry | <p>The Chemistry of Life (Steven Rose)</p> <p>Chemistry (Brock)</p> <p>Principles of Biochemistry (White, Handler and Smith) as a backup to all your A Level topics</p> <p>Chemistry for Changing Times (Hill, McCreary and Kolb)</p> <p>Materials Science (Ramsden)</p> <p>The Periodic Kingdom (Atkins)</p> <p>Mendeleyev's Dream – the search for the elements (Strathern)</p> <p>Periodic Tables – The Curious Life of the Elements (Aldersty and Williams)</p> <p>The Disappearing Spoon (Kean)</p> <p>50 Ideas you really need to know about Chemistry (Birch)</p> <p>The Periodic Table – a field guide to the elements (Parsons and Dixon)</p> <p>Periodicals:</p> <p>New Scientist</p> <p>Nature</p> <p>Chemistry World</p> <p>Education in Chemistry</p> | <p><a href="http://www.ted.com">www.ted.com</a></p> <p><a href="http://www.thenakedscientists.com">www.thenakedscientists.com</a></p> <p><a href="http://www.isaacchemistry.org">www.isaacchemistry.org</a></p> <p>Using Plastics in the Body<br/>Available at: <a href="https://www.stem.org.uk/resources/elibrary/resource/382317/using-plastics-body">https://www.stem.org.uk/resources/elibrary/resource/382317/using-plastics-body</a></p> <p>This Catalyst article looks at how scientists are learning to use polymers for many medical applications, including implants, bone repairs and reduction in infections</p> <p>Catching a Cheat<br/>Available at: <a href="https://www.stem.org.uk/system/files/elibrary-resources/2017/03/Catching%20a%20cheat.pdf">https://www.stem.org.uk/system/files/elibrary-resources/2017/03/Catching%20a%20cheat.pdf</a></p> <p>This Catalyst article looks at analytical chemists who are involved in many kinds of testing, including drug testing to catch cheats in sport</p> <p>Diamond: More than just a gemstone<br/>Available at: <a href="https://www.stem.org.uk/system/files/elibrary-resources/2017/02/Diamond%20more%20than%20just%20a%20gemstone.pdf">https://www.stem.org.uk/system/files/elibrary-resources/2017/02/Diamond%20more%20than%20just%20a%20gemstone.pdf</a></p> <p>This Catalyst article looks at diamond and graphite which are allotropes of carbon. Their properties, which depend on the bonding between the carbon atoms, are also examined</p> <p>The Bizarre World of High Pressure Chemistry<br/>Available at: <a href="https://www.stem.org.uk/system/files/elibrary-resources/2016/11/Catalyst27_1_the_bizarre_world_of_high_pressure_chemistry.pdf">https://www.stem.org.uk/system/files/elibrary-resources/2016/11/Catalyst27_1_the_bizarre_world_of_high_pressure_chemistry.pdf</a></p> |

This Catalyst article investigates high pressure chemistry and discovers that, when put under extreme pressure, the properties of a material may change dramatically.

#### Microplastics and the Oceans

Available: [https://www.stem.org.uk/system/files/elibrary-resources/2016/11/Catalyst27\\_1\\_microplastics\\_%20and\\_the\\_oceans.pdf](https://www.stem.org.uk/system/files/elibrary-resources/2016/11/Catalyst27_1_microplastics_%20and_the_oceans.pdf)

This Catalyst article looks at microplastics. Microplastics are tiny particles of polymer used in many products. They have been found to be an environmental pollutant especially in oceans.

Chemguide - This website is very detailed and identifies other resources which are sharing incorrect or outdated information and suggests the correct materials to use. The site also contains links to the syllabuses of many exam boards which means it is accessible and useful to all students

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

DocBrown - a website dedicated to all three science subjects; physics, chemistry and biology. It provides the user with summarised notes (useful for making flash cards) and practice questions to further their knowledge and understanding.

<http://www.docbrown.info/>

Chemrevise - The site was first made to host revision guides that are written for AQA A-level Chemistry. These revision guides have already been circulating on the internet for a couple of years on places like student room. This will be the place for the most up to date versions of them. The site has now extended to cover other exam boards. (OCR and Edexcel)

<https://chemrevise.org/>

S-cool - The free revision website for students studying GCSE and Alevels. S-cool provides revision guides, question banks, revision timetable and more

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

Crash Course - Tons of awesome courses in one awesome channel! Check out the playlists for past courses in physics, philosophy, games, economics, U.S. government and politics, astronomy, anatomy & physiology, world history, biology, literature, ecology, chemistry, psychology, and of course, chemistry!

<https://www.youtube.com/user/crashcourse/featured>

Science on Social Media:

Follow on Twitter: Salters' Institute - Our activities include Festivals of Chemistry; Chemistry Camps; Curricula; Awards for Technicians, Graduates, A Level Students; and Seminars  
@salters\_inst

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

Chemistry News –The latest chemistry news from only the best sources  
@chemistrynews

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

Chemistry World – Chemistry magazine bringing you the latest chemistry news and research every day. Published by the Royal Society of Chemistry.  
@ChemistryWorld

Royal Society of Chemistry - Promote, support and celebrate chemistry. Follow for updates on latest activities @RoySocChem  
Periodic Videos– Chemistry video series by @BradyHaran & profs at the Uni of Nottingham - also see @sixtysymbols  
@numberphile  
@periodicvideos

Find on Facebook:

Science Now - Science Now is a dedicated community that helps spread science news in all fields, from physics to biology, medicine to nanotechnology, space and beyond!

National Science Foundation – As an independent federal agency, NSF fund a significant proportion of basic research. For official source information about NSF, visit [www.nsf.gov](http://www.nsf.gov)

Science News Magazine - Science covers important and emerging research in all fields of science

BBC Science News - The latest BBC Science and Environment News: breaking news, analysis and debate on science and nature around the world



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|                               |   | <p>Scientific American - Scientific American is the authority on science and technology for a general audience, with coverage that explains how research changes our understanding of the world and shapes our lives.</p>  |
| Performing Arts - Drama       | <p>Brecht on Theatre by Bertolt Brecht</p> <p>The Theatre and its Double by Antonin Artaud</p> <p>An Actor Prepares by Konstantin Stanislavski</p> <p>Tales From an Actor's Life by Steven Berkoff</p> <p>Acting For the Camera by Tony Barr</p> <p>Acting Shakespeare by John Gielgud</p> <p>Voice Over Voice Actor by Yuri Lowenthal and Tara Platt</p>   | <p>Check out the following links for useful information on various aspects of the Performing Arts Industry:</p> <p>Getting into Theatre – a career in the performing arts<br/> <a href="https://www.youtube.com/watch?v=0zQebR_1JBw">https://www.youtube.com/watch?v=0zQebR_1JBw</a></p> <p>Auditioning for Drama School<br/> <a href="https://www.youtube.com/watch?v=MaAAzRPBP4">https://www.youtube.com/watch?v=MaAAzRPBP4</a></p> <p>Drama School v University <a href="https://www.thestage.co.uk/advice/2017/university-vs-drama-school-right/">https://www.thestage.co.uk/advice/2017/university-vs-drama-school-right/</a></p> <p>Finding an Agent <a href="https://www.thebalancecareers.com/how-to-get-an-agent-1283525">https://www.thebalancecareers.com/how-to-get-an-agent-1283525</a></p> <p>Tom Hanks on Acting <a href="https://www.youtube.com/watch?v=0zQebR_1JBw">https://www.youtube.com/watch?v=0zQebR_1JBw</a><br/> <a href="https://www.youtube.com/watch?v=4y5JogtS8Ek">https://www.youtube.com/watch?v=4y5JogtS8Ek</a></p> |
| Performing Arts - Dance       |   |  |
| English Language / Literature | <p>English Language covers a wide range of topics and you may find a generic revision guide such as Revision Express useful as a starting point:<br/> <a href="https://www.amazon.co.uk/Revision-Express-English-Language-Secondary/dp/1408206536/ref=sr_1_1?ie=UTF8&amp;qid=1528662184&amp;sr=8-1&amp;keywords=revision+express+as+and+a2+english+language">https://www.amazon.co.uk/Revision-Express-English-Language-Secondary/dp/1408206536/ref=sr_1_1?ie=UTF8&amp;qid=1528662184&amp;sr=8-1&amp;keywords=revision+express+as+and+a2+english+language</a></p> <p>David Crystal: The Story of English in 100 Words; How Language Works; The English Language: A Guided Tour of the Language (in fact, most books by this author are accessible and interesting. Have a look in your local library for them.)</p> <p>Bill Bryson: Mother Tongue</p> | <p>There are good discussions of literary topics in the archive of the radio programme 'In Our Time', which is available on iPlayer</p> <p>Check out Radio 4's 'Word of Mouth' programme on the BBC iPlayer:<br/> <a href="https://www.bbc.co.uk/programmes/b006qtnz/episodes/player">https://www.bbc.co.uk/programmes/b006qtnz/episodes/player</a></p> <p>Ted Talks:<br/> <a href="https://www.ted.com/playlists/228/how_language_changes_over_time">https://www.ted.com/playlists/228/how_language_changes_over_time</a><br/> <a href="https://www.ted.com/playlists/346/the_power_of_fiction_1">https://www.ted.com/playlists/346/the_power_of_fiction_1</a></p>  |

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|         | <p>There are also some really useful blogs to have a look at:<br/><a href="https://blog.oxforddictionaries.com/">https://blog.oxforddictionaries.com/</a> - gives some interesting insights into new words and the changing uses of existing words.</p> <p><a href="http://flashfictiononline.com/main/">http://flashfictiononline.com/main/</a> - useful website for looking at short pieces of creative writing. This will prove useful as you start preparing for coursework.</p> <p><a href="https://www.theguardian.com/media/mind-your-language">https://www.theguardian.com/media/mind-your-language</a> - interesting blog that looks at attitudes towards the ways in which language is used.</p> <p>Read the books listed on your course (even the ones you don't have to)<br/>Read other books by the same authors as the ones that you will be studying<br/>Read other books within the same genre(s) that you will be studying</p> | <p>If you want to consider why we read and write, this is a quick (quite blistering) synopsis of why we study Literature:<br/><a href="https://www.youtube.com/watch?v=MSYw502dJNY">https://www.youtube.com/watch?v=MSYw502dJNY</a></p> |
| Fiction |   |   |

| Author               | Book                            |
|----------------------|---------------------------------|
| Achebe, Chinua       | Things Fall Apart               |
| Atwood, Margaret     | The Handmaid's Tale             |
| Austen, Jane         | Pride and Prejudice             |
| Banks, Iain          | The Wasp Factory                |
| Barker, Pat          | Regeneration                    |
| Brontë, Charlotte    | Jane Eyre                       |
| Brontë, Emily        | Wuthering Heights               |
| Burgess, Anthony     | A Clockwork Orange              |
| Carter, Angela       | The Bloody Chamber              |
| Conrad, Joseph       | Heart of Darkness               |
| Dickens, Charles     | Great Expectations              |
| Eugenides, Jeffrey   | The Virgin Suicides             |
| Faulks, Sebastian    | Birdsong                        |
| Fitzgerald, F. Scott | The Great Gatsby                |
| Hardy, Thomas        | Tess of the D'Urbervilles       |
| Heller, Joseph       | Catch 22                        |
| Ishiguro, Kazuo      | The Remains of the Day          |
| Kesey, Ken           | One Flew Over the Cuckoo's Nest |
| McCarthy, Cormac     | The Road                        |
| McEwan, Ian          | Atonement                       |
| Mitchell, David      | Cloud Atlas                     |
| Morrison, Toni       | Beloved                         |
| Orwell, George       | 1984                            |
| Plath, Sylvia        | The Bell Jar                    |
| Smith, Zadie         | White Teeth                     |
| Stoker, Bram         | Dracula                         |
| Tartt, Donna         | The Secret History              |
| Wilde, Oscar         | The Picture of Dorian Gray      |
| Woolf, Virginia      | Mrs Dalloway                    |

Poetry

|                        | <table><tr><th>Poet</th><th>Poems</th></tr><tr><td>Blake, William</td><td>Songs of Innocence and Experience</td></tr><tr><td>Duffy, Carol Ann</td><td>Any</td></tr><tr><td>Eliot, T.S.</td><td>The Wasteland</td></tr><tr><td>Heaney, Seamus</td><td>Any</td></tr><tr><td>Hughes, Ted</td><td>Birthday Letters</td></tr><tr><td>Keats, John</td><td>The Odes</td></tr><tr><td>Larkin, Philip</td><td>The Whitsun Weddings</td></tr><tr><td>Owen, Wilfred</td><td>Any</td></tr><tr><td>Plath, Sylvia</td><td>Any</td></tr><tr><td>Wordsworth, William</td><td>Any</td></tr><tr><td>Various (contemporary)</td><td>Poems of the Decade: An Anthology of the Forward Books of Poetry</td></tr></table> <p>Drama</p> <table><tr><th>Playwright</th><th>Play</th></tr><tr><td>Beckett, Samuel</td><td>Waiting for Godot</td></tr><tr><td>Miller, Arthur</td><td>Death of a Salesman</td></tr><tr><td>Pinter, Harold</td><td>The Birthday Party</td></tr><tr><td>Shakespeare, William</td><td>Any</td></tr><tr><td>Stoppard, Tom</td><td>Rosencrantz and Guildenstern are dead</td></tr><tr><td>Williams, Tennessee</td><td>A Streetcar Named Desire</td></tr><tr><td>Wilde, Oscar</td><td>The Importance of Being Earnest</td></tr></table> | Poet  | Poems | Blake, William | Songs of Innocence and Experience | Duffy, Carol Ann | Any | Eliot, T.S. | The Wasteland | Heaney, Seamus | Any | Hughes, Ted | Birthday Letters | Keats, John | The Odes | Larkin, Philip | The Whitsun Weddings | Owen, Wilfred | Any | Plath, Sylvia | Any | Wordsworth, William | Any | Various (contemporary) | Poems of the Decade: An Anthology of the Forward Books of Poetry | Playwright | Play | Beckett, Samuel | Waiting for Godot | Miller, Arthur | Death of a Salesman | Pinter, Harold | The Birthday Party | Shakespeare, William | Any | Stoppard, Tom | Rosencrantz and Guildenstern are dead | Williams, Tennessee | A Streetcar Named Desire | Wilde, Oscar | The Importance of Being Earnest |  |
|------------------------|--|---|-------|----------------|-----------------------------------|------------------|-----|-------------|---------------|----------------|-----|-------------|------------------|-------------|----------|----------------|----------------------|---------------|-----|---------------|-----|---------------------|-----|------------------------|--|------------|------|-----------------|-------------------|----------------|---------------------|----------------|--------------------|----------------------|-----|---------------|---------------------------------------|---------------------|--------------------------|--------------|---------------------------------|--|
| Poet                   | Poems  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Blake, William         | Songs of Innocence and Experience  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Duffy, Carol Ann       | Any  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Eliot, T.S.            | The Wasteland  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Heaney, Seamus         | Any  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Hughes, Ted            | Birthday Letters   |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Keats, John            | The Odes   |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Larkin, Philip         | The Whitsun Weddings   |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Owen, Wilfred          | Any  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Plath, Sylvia          | Any  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Wordsworth, William    | Any  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Various (contemporary) | Poems of the Decade: An Anthology of the Forward Books of Poetry   |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Playwright             | Play   |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Beckett, Samuel        | Waiting for Godot  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Miller, Arthur         | Death of a Salesman  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Pinter, Harold         | The Birthday Party   |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Shakespeare, William   | Any  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Stoppard, Tom          | Rosencrantz and Guildenstern are dead  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Williams, Tennessee    | A Streetcar Named Desire   |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Wilde, Oscar           | The Importance of Being Earnest  |   |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |
| Geography              | <p>Some good general geography sources:</p> <p>Geography Review:<br/><a href="http://www.philipallan.co.uk/geographyreview/index.htm">http://www.philipallan.co.uk/geographyreview/index.htm</a></p> <p>Geographical: <a href="http://www.geographical.co.uk/Home/index.html">http://www.geographical.co.uk/Home/index.html</a></p>  | <p>Become a junior member of the Royal Geographical Society</p> <p>Useful websites:</p> <p><a href="http://www.philipallan.co.uk/geographyreview/index.h">http://www.philipallan.co.uk/geographyreview/index.h</a></p> <p><a href="http://www.nationalgeographic.com/">http://www.nationalgeographic.com/</a></p> |       |                |                                   |                  |     |             |               |                |     |             |                  |             |          |                |                      |               |     |               |     |                     |     |                        |  |            |      |                 |                   |                |                     |                |                    |                      |     |               |                                       |                     |                          |              |                                 |  |

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|                         | <p>Earth, An Intimate History (Fortey)</p> <p>Globalism and Regionalism and Capitalism as if the Earth mattered (Porritt)</p> <p>Future Shock (Tofler)</p> <p>A Blueprint for Survival (The Ecologist and Penguin books)</p> <p>Population Geography (Jones)</p> <p>The Skeptical Environmentalist (Lomberg – indeed anything by him)</p> <p>Jungle: A Harrowing True Story of Survival (Ghinsberg), Surviving Extremes (Middleton – he teaches Geog. at Oxford)</p> <p>Earth From Space (Johnston)</p> <p>Belching Out the Devil: Global Adventures with Coca-Cola (Thomas)</p> <p>Anything by James Lovelock on Gaia and for the human and cultural side Tribe (Bruce Parry) or anything by the Prof. of Geog. at UCLA Jared Diamond.</p> <p>Caesar's Last Breath – the epic story of the air around us (Kean) and for geologists, Reading Rocks (Maddox)</p> <p>Building Global Resistance (Pagett) is a searing critique of current development strategies</p> <p>So You Think You Know About Britain (Danny Dorling)</p> <p>Factfulness: Ten Reasons We're Wrong About the World – and Why Things Are Better Than You Think. By Hans Rosling, Ola Rosling, Anna Rosling Rönnlund</p> | <p><a href="http://www.geographyalltheway.com/">http://www.geographyalltheway.com/</a></p> <p><a href="http://www.gatm.org.uk/">http://www.gatm.org.uk/</a></p> <p>Environmental Geography: <a href="http://www.mongabay.com/">http://www.mongabay.com/</a></p> <p><a href="http://www.gapminder.org/">http://www.gapminder.org/</a></p> <p><a href="http://www.facingthefuture.org">www.facingthefuture.org</a></p> <p><a href="http://www.ted.com/">http://www.ted.com/</a></p> <p><a href="http://www.gogeo.ac.uk/">http://www.gogeo.ac.uk/</a></p> <p>More specific articles and lectures that will broaden your geographical knowledge and understanding:</p> <p>DON'T PANIC — Hans Rosling showing the facts about population: <a href="https://www.youtube.com/watch?v=FACK2knC08E&amp;t=1583s">https://www.youtube.com/watch?v=FACK2knC08E&amp;t=1583s</a></p> <p>Interactive map of coastal map of the UK coastline: <a href="https://www.gov.uk/check-plans-to-stop-coastal-erosion-in-your-area">https://www.gov.uk/check-plans-to-stop-coastal-erosion-in-your-area</a></p> <p>What is happening to the plates? <a href="https://www.newscientist.com/article/mg22329843-000-earths-tectonic-plates-havedoubled-their-speed">https://www.newscientist.com/article/mg22329843-000-earths-tectonic-plates-havedoubled-their-speed</a></p> <p>How can technology improve a country's vulnerability? <a href="https://www.ted.com/talks/paul_conneally_digital_humanitarianism">https://www.ted.com/talks/paul_conneally_digital_humanitarianism</a></p> <p>What is a 'global sense of place'? Why is this important to the understanding of 'place' as a concept? Massey, D (1991) <a href="http://banmarchive.org.uk/collections/mt/pdf/91_06_24.pdf">http://banmarchive.org.uk/collections/mt/pdf/91_06_24.pdf</a></p> |
| Governments & Politics* | <p>The Origins of Political Order (Fukuyama)</p> <p>The Spectre At the Feast (Gamble)</p> <p>The Establishment and how they get away with it (Owen Jones)</p>   | <p><a href="http://www.ted.com/">http://www.ted.com/</a></p> <p><a href="http://www.politicsinspires.com/">http://www.politicsinspires.com/</a></p> <p><a href="https://www.bbc.co.uk/news/politics">https://www.bbc.co.uk/news/politics</a></p>  |

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|                        | <p>British Politics (Madgwick)</p> <p>Mind The Gap (Mount)</p> <p>The Politics Book (Kelly)</p> <p>After Europe (Krastev)</p> <p>Newspapers:</p> <p><a href="https://www.theguardian.com/uk">https://www.theguardian.com/uk</a></p> <p><a href="https://www.independent.co.uk/">https://www.independent.co.uk/</a></p> <p><a href="https://www.telegraph.co.uk/">https://www.telegraph.co.uk/</a></p> <p><a href="https://www.nytimes.com/">https://www.nytimes.com/</a></p> <p><a href="http://www.washingtonpost.com/">http://www.washingtonpost.com/</a></p> <p><a href="https://www.washingtontimes.com/">https://www.washingtontimes.com/</a></p> | <p>TV and Radio, which can be accessed, respectively, via<br/> <a href="https://www.bbc.co.uk/iplayer">https://www.bbc.co.uk/iplayer</a><br/> and <a href="http://www.bbc.co.uk/radio">http://www.bbc.co.uk/radio</a><br/> and <a href="https://www.itv.com/hub/shows">https://www.itv.com/hub/shows</a></p> <p>(Be aware that these programmes are not all available throughout the year and that schedules may change):</p> <p>Monday – Friday: PM Radio 4 17:00 – 18:00; Newsnight BBC2 22:30 – 23:15</p> <p>Tuesday: The Mash Report BBC2 22:00</p> <p>Thursday: Question Time BBC1 22:45 – 23:45; This Week BBC1 23:45 – 00:45</p> <p>Friday: The News Quiz/The Now Show/Dead Ringers Radio 4 18:30 – 19:00; Have I Got News For You BBC1 21:00 – 21:30; Tracey Breaks the News BBC1 21:30 – 22:00; Mock the Week BBC2 22:00 – 22:30</p> <p>Saturday: The Week in Westminster Radio 4 11:00 – 11:30</p> <p>Sunday: The Andrew Marr Show BBC1 09:00 – 10:00; Pienaar’s Politics Radio 5 10:00 – 11:00; Peston on Sunday ITV 10:00 – 11:00, repeated 22:20 – 23:20</p> |
| Health and Social Care | <p><a href="#">BTEC Nationals   Health and Social Care (2016)   Pearson qualifications</a></p> <p>All published resources can be found through the link above</p>  | <p>Television Links:</p> <p>Make me a Midwife - <a href="https://www.youtube.com/watch?v=wY8jAYUZc38">https://www.youtube.com/watch?v=wY8jAYUZc38</a></p> <p>GP Behind Closed Doors. – Channel 5</p> <p>Ambulance – BBC1 (a paramedic is part of the emergency services rather than health services)</p> <p>Junior Doctors – Blood Sweat and Tears – BBC3</p> <p>Hospital Series – Terror attack victims<br/> <a href="https://www.youtube.com/watch?v=0pjUNZSajuE">https://www.youtube.com/watch?v=0pjUNZSajuE</a></p> <p>Childrens Hospital - <a href="https://www.youtube.com/watch?v=hYLG31fzfuy">https://www.youtube.com/watch?v=hYLG31fzfuy</a></p> <p>Care Assistant - <a href="https://www.youtube.com/watch?v=FE1khfnuBvQ">https://www.youtube.com/watch?v=FE1khfnuBvQ</a></p>   |

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|         |  | Youth Work - <a href="https://www.youtube.com/watch?v=Nk3tB_yE9yY&amp;t=22s">https://www.youtube.com/watch?v=Nk3tB_yE9yY&amp;t=22s</a>   |
| History | <p>Component 1 – The Tudors 1485-1603<br/> <a href="https://www.amazon.co.uk/Oxford-AQA-History-Level-1485-1603/dp/0198354606/ref=sr_1_1?dchild=1&amp;keywords=aqa+a+level+tudors&amp;qid=1634827993&amp;qsid=257-1550928-6408542&amp;sr=8-1&amp;sres=0198354606%2C1471837580%2C0198421400%2C1316504328%2C1471876101%2C0198354711%2C1471883159%2C1447985435%2C0198354614%2C0198354576%2C0198421427%2C0198354584%2C1471876616%2C019842146X%2C0719574846%2C1510457887&amp;srpt=ABIS_BOOK">https://www.amazon.co.uk/Oxford-AQA-History-Level-1485-1603/dp/0198354606/ref=sr_1_1?dchild=1&amp;keywords=aqa+a+level+tudors&amp;qid=1634827993&amp;qsid=257-1550928-6408542&amp;sr=8-1&amp;sres=0198354606%2C1471837580%2C0198421400%2C1316504328%2C1471876101%2C0198354711%2C1471883159%2C1447985435%2C0198354614%2C0198354576%2C0198421427%2C0198354584%2C1471876616%2C019842146X%2C0719574846%2C1510457887&amp;srpt=ABIS_BOOK</a></p> <p>C Lee, Britain, 1483-1529, Nelson Thornes, 2008<br/> R Carpenter, The Church in England and the Struggle for Supremacy, 1529-1547, Nelson Thornes, 2009<br/> M Tillbrook, The Triumph of Elizabethan Britain 1547-1603, Nelson Thornes, 2009<br/> I Dawson, The Tudor Century, Nelson Thornes, 1993<br/> D Murphy (ed), England 1485-1603, Collins, 1999<br/> N Fellows, Disorder and Rebellion in Tudor England, Hodder, 2009<br/> R Lockyer &amp; D O'Sullivan, Tudor Britain 1485-1603, Longman, 1993<br/> K Randall, Henry VIII and the Government of England, Hodder, 2001<br/> K Randall, Henry VIII and the Reformation in England, Hodder, 2001<br/> J Warren, Elizabeth I: Meeting the Challenge, Hodder, 2008<br/> G R Elton, England Under the Tudors, Routledge, 1991<br/> A Fletcher &amp; D MacCulloch, Tudor Rebellions, Longman, 2004<br/> S Gunn, Early Tudor Government, Macmillan, 1995<br/> J Guy, Tudor England, OUP, 1998<br/> C Haigh, The Reign of Elizabeth, Macmillan, 1984<br/> D Loades, The Mid-Tudor Crisis, 1545-1565, Palgrave, 1992</p> <p>Component 2 – Revolution and Dictatorship 1917-1953<br/> <a href="https://www.amazon.co.uk/Oxford-AQA-History-Level-Dictatorship/dp/0198354584/ref=sr_1_3?dchild=1&amp;keywords=aqa+a+level+dictatorship&amp;qid=1634827935&amp;qsid=257-1550928-6408542&amp;sr=8-3&amp;sres=1107587387%2C0198432526%2C0198354584%2C1471876136%2C1510459340%2C0198354576%2C1471837807%2C0198354606%2C0198421400%2C19">https://www.amazon.co.uk/Oxford-AQA-History-Level-Dictatorship/dp/0198354584/ref=sr_1_3?dchild=1&amp;keywords=aqa+a+level+dictatorship&amp;qid=1634827935&amp;qsid=257-1550928-6408542&amp;sr=8-3&amp;sres=1107587387%2C0198432526%2C0198354584%2C1471876136%2C1510459340%2C0198354576%2C1471837807%2C0198354606%2C0198421400%2C19</a></p> | <p>Seneca<br/> <a href="https://app.senecalearning.com/dashboard/courses/add?Price=Free&amp;Subject=History&amp;Exam+Board=AQA&amp;Age+Group=A+Level">https://app.senecalearning.com/dashboard/courses/add?Price=Free&amp;Subject=History&amp;Exam+Board=AQA&amp;Age+Group=A+Level</a></p> <p>Tudors<br/> <a href="http://www.johnguy.co.uk">www.johnguy.co.uk</a><br/> <a href="http://www.history.ac.uk">www.history.ac.uk</a><br/> <a href="http://www.activehistory.co.uk">www.activehistory.co.uk</a><br/> <a href="http://www.bbc.co.uk/history">www.bbc.co.uk/history</a><br/> <a href="http://www.tudoerplace.com">www.tudoerplace.com</a></p> <p>The Six Wives of Henry VIII, Elizabeth DVDs – D Starkey<br/> A History of Britain DVD – S Schama</p> <p>Russia Podcast<br/> <a href="https://www.youtube.com/playlist?list=PL3z21sNm6oEO6OdODdD_AcbxIV-ujhnDL">https://www.youtube.com/playlist?list=PL3z21sNm6oEO6OdODdD_AcbxIV-ujhnDL</a><br/> D Elliot, New Worlds: Russian Art and Society 1900-1937, Thames and Hudson, 1990<br/> D King, Russian Revolutionary Posters, Tate Publishing, 2012<br/> D King, Red Star over Russia (a visual History of the Soviet Union), Tate Publishing, 2010<br/> <a href="http://www.hsc.csu.edu.au/">http://www.hsc.csu.edu.au/</a><br/> <a href="http://www.marxists.org.archive/lenin/index.html">http://www.marxists.org.archive/lenin/index.html</a><br/> <a href="https://www.choices.edu/curriculum-unit/the-russian-revolution/">https://www.choices.edu/curriculum-unit/the-russian-revolution/</a></p> |

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|   | <p><a href="#">1372011X%2C1447985303%2C0198354673%2C0198421427%2C0198421443%2C151045795X%2C0198370105&amp;srpt=ABIS BOOK</a></p> <p>C Corin &amp; T Fiehn, Communist Russia under Lenin and Stalin, Hodder, 2002<br/> D Evans, Stalin's Russia, Teach Yourself, 2005<br/> J Laver, The Impact of Stalin's Leadership in the USSR 1924-41, Nelson Thornes, 2008<br/> J Laver, Triumph and Collapse: Russia and the USSR 1941-1991, Nelson Thornes, 2009<br/> S Philips, Stalinist Russia, Heinemann, 2000<br/> A Todd, The Soviet Union and Eastern Europe 1924-2000, CUP, 2012<br/> S Waller, Imperial Russia, Revolutions and the emergence of the Soviet State 1853-1924, CUP, 2012<br/> J Laver, Revolution and Dictatorship: Russia 1917-1953, OUP Spring 2015</p>   |  |
| AAQ<br>OCR<br>Human<br>Biology<br>Extended<br>Certificate | <p><b>Specification:</b><br/> <a href="#">Cambridge OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Human Biology</a></p> <p><b>Books:</b></p> <ul style="list-style-type: none"> <li>• <b>The Epigenetics Revolution</b> – Nessa Carey<br/>Explains how gene expression is influenced by environment and lifestyle</li> <li>• <b>The Gene: An Intimate History</b> – Siddhartha Mukherjee<br/>A fascinating narrative on genetics and its role in health and disease</li> <li>• <b>Your Inner Fish</b> – Neil Shubin<br/>Explores evolutionary biology and how our anatomy links to ancient species</li> <li>• <b>Behave: The Biology of Humans at Our Best and Worst</b> – Robert Sapolsky<br/>Integrates neuroscience, genetics, and psychology to explain human behaviour</li> </ul> | <p>Primrose Kittten – Online lesson resources, videos and quizzes:<br/> <a href="#">Human Biology AAQ   Cambridge Advanced National Alternative Academic Qualification (AAQ) Human Biology – Primrose Kitten</a></p> <p>Not specific to the AAQ course but a good revision tool:<br/> <a href="#">Higher Human Biology - BBC Bitesize</a></p> <p>To build on foundational knowledge:<br/> KayScience Revision Videos: <a href="https://www.youtube.com/c/KayScience/videos">https://www.youtube.com/c/KayScience/videos</a></p> <p>Free Science Lessons: <a href="https://www.freesciencelessons.co.uk/">https://www.freesciencelessons.co.uk/</a></p> <p>E-focus: <a href="#">Focus eLearning by Focus Educational Software Ltd.</a></p> <p><b>Social Media</b></p> <ul style="list-style-type: none"> <li>• @instituteofhumananatomy (TikTok) – Human anatomy and physiology explained in short videos.</li> <li>• @hankgreen (Instagram/TikTok) – Science communicator covering biology and health topics.</li> <li>• @doctor.brein - Neuroscience</li> </ul> |

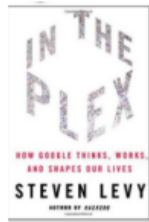


- **Immune: A Journey into the Mysterious System That Keeps You Alive** – Philipp Dettmer  
A visually engaging book on immunology and body defense mechanisms

- @dalia.science - Biochemistry & Neuroscience
- @the\_brain\_scientist - Neuroscience
- @drkaranrajan - Health Science
- @glucosegoddess - Biochemistry
- @lab.hacks - Lab Techniques

IT

## Book Recommendations



[In the Plex: How Google Thinks, Works, and Shapes Our Lives](#) (Hardcover)

by Steven Levy

*Written with full cooperation from top management, including cofounders Sergey Brin and Larry Page, this is the inside story behind Google, the most successful and most admired technology company of our time, told by one of our best technology writers.*



[The Innovators: How a Group of Hackers, Geniuses and Geeks Created the Digital Revolution](#)

by Walter Isaacson

*The computer and the internet are among the most important innovations of our era, but few people know who created them. They were not conjured up in a garret or garage by solo inventors suitable to be singled out on magazine covers or put into a pantheon with Edison, Bell, and Morse. Instead, most of the innovations of the digital age were done collaboratively.*



[The Glass Cage: How Our Computers Are Changing Us](#)

by Nicholas Carr

*In The Glass Cage, best-selling author Nicholas Carr digs behind the headlines about factory robots and self-driving cars, wearable computers and digitized medicine, as he explores the hidden costs of granting software dominion over our work and our leisure. Even as they bring ease to our lives, these programs are stealing something essential from us.*



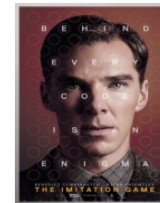
[Big Data: A Revolution That Will Transform How We Live, Work, and Think](#)

by Viktor Mayer-Schönberger, Kenneth Cukier

*A revelatory exploration of the hottest trend in technology and the dramatic impact it will have on the economy, science, and society at large. Which paint colour is most likely to tell you that a used car is in good shape? How can officials identify the most dangerous New York City manholes before they explode?*

## Movies to watch

**The Imitation Game**



**Steve Jobs**



**Wall-e**



**The Social Network**



**Die Hard 4.0**



**Minority Report**



Videos to watch online:

How Machines Learn by CGP Grey <https://www.youtube.com/watch?v=R9OHn5ZF4Uo>

All units: Pearson BTEC National Information Technology Student Book, ISBN 9781292140414

Units 1 and 2 only:

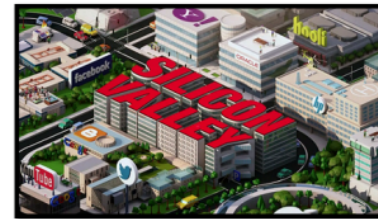
Revise BTEC National Information Technology Revision Guide, ISBN 9781292230504

Forget Wi-Fi. Meet the new Li-Fi Internet by Harald Haas  
<https://www.youtube.com/watch?v=iHWIZsIBj3Q>

The Internet of Things by Jordan Duffy  
[https://www.youtube.com/watch?v=mzy84Vb\\_Gxk](https://www.youtube.com/watch?v=mzy84Vb_Gxk)

### TV shows

*Silicon Valley*



*Click*



*Black Mirror*



Unit 1: Information Technology Systems (exam unit)

Unit 2: Creating Systems to Manage Information (exam unit) Help with Access:  
<https://www.techonthenet.com/access/index.php>

Unit 3: Using social media in Business

Unit 6: Website Development

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|             |   | Students have access to the digital version of the student textbook which includes all units: <a href="https://www.pearsonactivelearn.com/app/Home">https://www.pearsonactivelearn.com/app/Home</a>  |
| Law         | <p>The Justice Game by Robertson</p> <p>Getting into Law (ed. Lygo)</p> <p>The Search for Justice (Rozenburg)</p> <p>Understanding Law (Adams and Brownsword)</p> <p>Law and Modern Society (Atiyah)</p> <p>On Evidence (Murphy)</p> <p>The Rule of Law (Bingham)</p> <p>Bonfire of the Liberties: New Labour, Human Rights (Ewing)</p> <p>The Very Short Introduction to Human Rights (Clapham)</p> <p>The Very Short Introduction to the Philosophy of Law (Wacks)</p> <p>The New Penguin Guide to the Law</p>  | <p>Radio Programmes (podcasts can be found on iPlayer):</p> <p>Law in Action</p> <p>Unreliable Evidence</p> <p><a href="http://www.ted.com/">http://www.ted.com/</a></p> <p><a href="http://www.lawstudent.tv%2Cwww.lawcom.gov.uk/">http://www.lawstudent.tv%2Cwww.lawcom.gov.uk/</a></p> <p><a href="http://www.guardian.com/law/studying-law">http://www.guardian.com/law/studying-law</a></p>   |
| Mathematics | <p>Online textbooks can be found at:</p> <p><a href="https://www.pearsonactivelearn.com/app/Home">https://www.pearsonactivelearn.com/app/Home</a></p> <p>Textbooks for purchase:</p> <p>Edexcel Year 1/AS Pure Mathematics<br/> <a href="https://www.amazon.co.uk/Edexcel-level-Mathematics-Textbook-Further/dp/129218339X/ref=sr_1_1?crid=17VX9RY4WUXUD&amp;dchild=1&amp;keywords=pearson+a+level+maths&amp;qid=1635781916&amp;srefix=pearson+a+l%2Caps%2C80&amp;sr=8-1">https://www.amazon.co.uk/Edexcel-level-Mathematics-Textbook-Further/dp/129218339X/ref=sr_1_1?crid=17VX9RY4WUXUD&amp;dchild=1&amp;keywords=pearson+a+level+maths&amp;qid=1635781916&amp;srefix=pearson+a+l%2Caps%2C80&amp;sr=8-1</a></p> <p>Edexcel Year 1/AS Statistics and Mechanics <a href="https://www.amazon.co.uk/Edexcel-Mathematics-Statistics-Mechanics-">https://www.amazon.co.uk/Edexcel-Mathematics-Statistics-Mechanics-</a></p> | <p>Follow the 'WATCH, THINK, DIG DEEPER, DISCUSS' The Wizard standoff riddle.<br/> <a href="https://ed.ted.com/lessons/can-you-solve-the-wizard-standoff-riddle-daniel-finkel">https://ed.ted.com/lessons/can-you-solve-the-wizard-standoff-riddle-daniel-finkel</a></p> <p>Follow the 'WATCH, THINK, DIG DEEPER, DISCUSS' Solve the false positive riddle.<br/> <a href="https://ed.ted.com/lessons/can-you-solve-the-false-positive-riddle-alex-gendler">https://ed.ted.com/lessons/can-you-solve-the-false-positive-riddle-alex-gendler</a></p> <p>Exam Solutions.net <a href="https://www.examsolutions.net/a-level-maths/edexcel/">https://www.examsolutions.net/a-level-maths/edexcel/</a></p> |

[Textbook/dp/1292232536/ref=sr\\_1\\_6?crid=17VX9RY4WUXUD&dchild=1&keywords=pearson+a+level+maths&qid=1635781952&srefix=pearson+a+l%2Caps%2C80&sr=8-6](https://www.amazon.co.uk/Edexcel-level-Mathematics-Textbook-Further/dp/1292232536/ref=sr_1_6?crid=17VX9RY4WUXUD&dchild=1&keywords=pearson+a+level+maths&qid=1635781952&srefix=pearson+a+l%2Caps%2C80&sr=8-6)

Edexcel Year 2 Pure Mathematics [https://www.amazon.co.uk/Edexcel-level-Mathematics-Textbook-Further/dp/1292183403/ref=sr\\_1\\_4?crid=17VX9RY4WUXUD&dchild=1&keywords=pearson+a+level+maths&qid=1635781952&srefix=pearson+a+l%2Caps%2C80&sr=8-4](https://www.amazon.co.uk/Edexcel-level-Mathematics-Textbook-Further/dp/1292183403/ref=sr_1_4?crid=17VX9RY4WUXUD&dchild=1&keywords=pearson+a+level+maths&qid=1635781952&srefix=pearson+a+l%2Caps%2C80&sr=8-4)

Edexcel Year 2 Statistics and Mechanics [https://www.amazon.co.uk/Edexcel-Mathematics-Statistics-Mechanics-Textbook/dp/1446944077/ref=sr\\_1\\_5?crid=17VX9RY4WUXUD&dchild=1&keywords=pearson+a+level+maths&qid=1635781952&srefix=pearson+a+l%2Caps%2C80&sr=8-5](https://www.amazon.co.uk/Edexcel-Mathematics-Statistics-Mechanics-Textbook/dp/1446944077/ref=sr_1_5?crid=17VX9RY4WUXUD&dchild=1&keywords=pearson+a+level+maths&qid=1635781952&srefix=pearson+a+l%2Caps%2C80&sr=8-5)

Fermat's Last Theorem (Singh)

Does God Play Dice and Nature's Numbers (Stewart)

Easy as Pi (Ivanov)

The Music of the Primes (du Sautoy)

Just Six Numbers (Rees)

In Code (Flannery)

Numbers, Sets and Axioms (Hamilton)

The Universe and the Teacup – the Maths of Truth and Beauty (K.C. Cole)

Algebra and Geometry (Beardon)

Hidden Connections, Double Meanings (Wells)

Elastic Fishponds. The Maths that governs our World (Elwes)

The Norm Chronicles (Blastland and Spitgethaltes)

Our Mathematical Universe (Te.g.mark)

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|               | <p>Updates for 2018 are Beyond Infinity (Cheng)</p> <p>Weapons of Math Destruction (O'Neill)</p> <p>Ian Stewart's 17 equations that changed the world and Thinking in Numbers (Temmet)</p> <p>Chemists may be interested in The Periodic Table – a field guide to the elements (Parsons &amp; Dixon)</p>   |  |
| Media Studies | <p>Media, Gender and Identity by David Gauntlett</p> <p>Feminism is for Everybody by bell hooks</p> <p>Feminist Media Studies by Liesbet van Zoonen</p> <p>Gender Trouble by Judith Butler</p> <p>After Empire by Paul Gilroy</p> <p>There Ain't No Black In The Union Jack Paul Gilroy</p> <p>Media Regulation by Lunt and Livingstone</p> <p>Here Comes Everybody by Clay Shirky</p> <p>Cognitive Surplus: Creativity and Generosity in a Connected Age by Clay Shirky</p> <p>Representation: Cultural Representations and Signifying Practices Edited by Stuart Hall</p> <p>Power without Responsibility: Press, Broadcasting and the Internet in Britain by James Curran</p> <p>The Cultural Industries by David Hesmondhalgh</p> <p>Convergence Culture: Where Old and New Media Collide by Henry Jenkins</p> | <p>TED talks connected to the concepts explored within Media Studies:</p> <p><a href="https://www.ted.com/talks/alisa_miller_shares_the_news_about_the_news">https://www.ted.com/talks/alisa_miller_shares_the_news_about_the_news</a></p> <p><a href="https://www.ted.com/talks/johanna_blakley_social_media_and_the_end_of_gender">https://www.ted.com/talks/johanna_blakley_social_media_and_the_end_of_gender</a></p> <p><a href="https://www.ted.com/talks/david_puttnam_what_happens_when_the_media_s_priority_is_">https://www.ted.com/talks/david_puttnam_what_happens_when_the_media_s_priority_is_</a></p> <p><a href="https://www.ted.com/playlists/21/media_with_meaning">https://www.ted.com/playlists/21/media_with_meaning</a></p> <p>The Media Guardian: <a href="https://www.theguardian.com/uk/media">https://www.theguardian.com/uk/media</a></p> <p>EMC's Media Magazine: <a href="https://www.englishandmedia.co.uk/media-magazine">https://www.englishandmedia.co.uk/media-magazine</a> (well worth subscribing to)</p> <p>British Film Institute: <a href="http://www.bfi.org.uk/">http://www.bfi.org.uk/</a></p> <p>University Guide to Media courses: <a href="https://www.topuniversities.com/courses/communication-media-studies/guide">https://www.topuniversities.com/courses/communication-media-studies/guide</a></p> |

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| BTEC Music Technology           | <p>All unit information/ specification accessible at <a href="https://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Music-Technology/2016/specification-and-sample-assessments/BTEC-L3-Nat-Dip-in-Music-Technology-Spec.pdf">https://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Music-Technology/2016/specification-and-sample-assessments/BTEC-L3-Nat-Dip-in-Music-Technology-Spec.pdf</a></p> <p>Music Technology from Scratch by Mortimer Rhind-Tutt</p>  | <p>Watch the following clip of John Legend highlighting the importance of not giving up, and learning from failure:</p> <p><a href="https://www.youtube.com/watch?v=LUtcigWSBsw">https://www.youtube.com/watch?v=LUtcigWSBsw</a></p> <p>Watch the following clips of some professional musicians giving advice on how to be successful as a musician: <a href="https://www.youtube.com/watch?v=6UqCb-_oqZY">https://www.youtube.com/watch?v=6UqCb-_oqZY</a></p>   |
| 3D Art & Design                 | <p>Essential Maths Skills for AS/A Level Design and Technology</p> <p>Originally published: 25 May 2018<br/>Authors: Peter Warne, Chris Walker<br/>Genre: Study guide</p> <p>Mathematical skills are vital in design and technology. They are essential if you wish to continue your study beyond A Level into design – engineering related careers. This book covers all maths skills you are required to know which will be useful in exams and course work.</p> <ul style="list-style-type: none"> <li>1000 Chairs: BU (Bibliotheca Universalis) by Charlotte Fiell (Author), Peter Fiell (Author)</li> </ul> <p>From Gerrit Rietveld and Alvar Aalto to Verner Panton to Eva Zeisel, from Art Nouveau to International Style, from Pop Art to Postmodernism, the phenomenon of the chair is so complex that it requires a reference work as comprehensive as this to do it full justice. They are all here: Thonet s bentwood chairs and Hoffmann s sitting-machines, Marcel Breuer s Wassily chair and Ron Arad s avant-garde armchairs.</p> <p>The book devotes one page to each chair, displayed on its own as pure form, with biographical and historical information about the chairs and their designers.</p> | <p>Website link that covers all elements, tasks and specification within Design Technology. Here you will find animation explaining specific informations and activities to support and build skills.</p> <p><a href="http://www.technologystudent.com/">http://www.technologystudent.com/</a></p> <p>YouTube video links to specific skills:</p> <p><a href="https://www.creativebloq.com/illustration/how-draw-manga-11618810">https://www.creativebloq.com/illustration/how-draw-manga-11618810</a><br/> <a href="https://www.youtube.com/watch?v=_05or04sGAo">https://www.youtube.com/watch?v=_05or04sGAo</a><br/> <a href="https://www.youtube.com/watch?v=mBoVoj5jLfc">https://www.youtube.com/watch?v=mBoVoj5jLfc</a><br/> <a href="https://www.youtube.com/watch?v=Nmsrh7-BQ0">https://www.youtube.com/watch?v=Nmsrh7-BQ0</a></p> |
| Psychology / Applied Psychology | <p>The Gendered Brain (Rippon)</p> <p>Understand Psychology (Hayes)</p> <p>Games People Play (Berne)</p> <p>I'm OK, You're OK (Thomas Harris)</p>   | <p>Google 'The Encyclopedia of Psychology'</p> <p><a href="https://simplypsychology.org/milgram.html">https://simplypsychology.org/milgram.html</a><br/>- Milgram</p> <p><a href="https://www.simplypsychology.org/zimbardo.html">https://www.simplypsychology.org/zimbardo.html</a><br/>- Zimbardo</p>   |

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| The Serial Killers: the psychology of violence (Wilson)                     | <a href="https://www.canonsociaalwerk.eu/1971_stigma/1973%20Rosenhan%20Being%20sane%20in%20insane%20places%20OCR.pdf">https://www.canonsociaalwerk.eu/1971_stigma/1973%20Rosenhan%20Being%20sane%20in%20insane%20places%20OCR.pdf</a> |
| 50 Psychology Ideas you really need to know (Furnham)                       | – Rosenhan  |
| Tricks of the Mind (Derren brown)   | <a href="https://www.simplypsychology.org/loftus-palmer.html">https://www.simplypsychology.org/loftus-palmer.html</a>   |
| Anything by Oliver Sacks  | - Loftus and Palmer   |
| Mindsight (Siegel)  | <a href="https://www.simplypsychology.org/mary-ainsworth.html">https://www.simplypsychology.org/mary-ainsworth.html</a>   |
| The Skeleton Cupboard- the making of a clinical psychologist (Byron)        | - Ainsworth   |
| Psy-Q (Ambridge)  | <a href="http://www.holah.karoo.net/rainestudy.html">http://www.holah.karoo.net/rainestudy.html</a>   |
| Predictably Irrational (Anely)  | - Raine   |
| Bounce (Syed)   | <a href="https://www.youtube.com/watch?v=O3cOvLrixhY">https://www.youtube.com/watch?v=O3cOvLrixhY</a>   |
| The Element (Ken Robinson)  | – Trial of O.J. Simpson – BBC documentary. The collection of forensic evidence and investigation, including court cases.  |
| Friend Request, 2018 by Laura Marshall                                      | <a href="https://www.ted.com/talks/petter_johansson_do_you_really_know_why_you_do_">https://www.ted.com/talks/petter_johansson_do_you_really_know_why_you_do_</a>   |
| Born Evil, 2018 by Julia Derek  | <a href="https://www.ted.com/talks/laurel_braitman_depressed_dogs_cats_with OCD">https://www.ted.com/talks/laurel_braitman_depressed_dogs_cats_with OCD</a>   |
| Lies, 2017 by T.M. Logan  | - What animal madness means for us humans   |
| Reaching Down the Rabbit Hole, 2016 by Allan Ropper and Brian David Burrell | <a href="https://www.ted.com/talks/elizabeth_loftus_the_fiction_of_memory">https://www.ted.com/talks/elizabeth_loftus_the_fiction_of_memory</a>   |
| Good Me Bad Me, 2017 by Ali Land  | <a href="https://www.ted.com/talks/scott_fraser_the_problem_with_eyewitness_testimony">https://www.ted.com/talks/scott_fraser_the_problem_with_eyewitness_testimony</a>   |
| Selfie: How the West Became Self-Obsessed, 2018 by Will Storr               | <a href="https://www.ted.com/talks/steven_pinker_chalks_it_up_to_the_blank_slate">https://www.ted.com/talks/steven_pinker_chalks_it_up_to_the_blank_slate</a>   |
| The Lucifer Effect: How Good People Turn Evil, 2008 by Philip Zimbardo      | <a href="https://www.ted.com/talks/philip_zimbardo_on_the_psychology_of_evil">https://www.ted.com/talks/philip_zimbardo_on_the_psychology_of_evil</a>   |
| How to Survive the End of the World, 2018 by Aaron Gillies                  | <a href="https://www.ted.com/talks/ben_ambridge_10_myths_about_psychology_debunked">https://www.ted.com/talks/ben_ambridge_10_myths_about_psychology_debunked</a>   |
|   | <a href="https://www.youtube.com/watch?v=_yT_F0dMZRU">https://www.youtube.com/watch?v=_yT_F0dMZRU</a>   |
|   | (Part 1)  |
|   | <a href="https://www.youtube.com/watch?v=B3rHTm1YLxA">https://www.youtube.com/watch?v=B3rHTm1YLxA</a>   |
|   | (part 2) – Stephen Fry - The Secret Life Of The Manic Depressive. BBC 10)   |

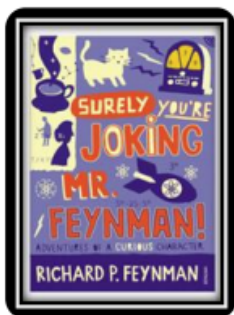
|         |   |  |
|---------|---|--|
|         |   | <p><a href="https://www.youtube.com/watch?v=jhLuEKZj1oo">https://www.youtube.com/watch?v=jhLuEKZj1oo</a><br/>– The Fritzl affair. Real crime documentary.</p> <p><a href="https://www.youtube.com/watch?v=nJm7AhdGbDk">https://www.youtube.com/watch?v=nJm7AhdGbDk</a><br/>– Freud documentary (short)</p> <p><a href="https://www.youtube.com/watch?v=5XFjLdNO4FU">https://www.youtube.com/watch?v=5XFjLdNO4FU</a><br/>– The Nurture room – child psychology</p> <p><a href="https://www.youtube.com/watch?v=OON81IJ9yos">https://www.youtube.com/watch?v=OON81IJ9yos</a><br/>– Charles Whitman documentary</p> <p><a href="https://www.youtube.com/watch?v=L-DgV2vixSo">https://www.youtube.com/watch?v=L-DgV2vixSo</a><br/>– Motivation and rewards in learning (Rats)</p>  |
| Physics | <p>The Physics of the Impossible and Parallel Worlds (Kaku)</p> <p>Hyperspace (Khan)</p> <p>Smashing Physics: inside the world's biggest experiment (Butterworth)</p> <p>Seven brief lessons on Physics (Rovelli)</p> <p>Chaos (Gleich), Quantum (Kumar)</p> <p>How to teach Quantum Physics to your Dog (Orzel)</p> <p>50 Physics Ideas You Really Need To Know (Baker)</p> <p>The Ele.g.ant Universe (Greene)</p> <p>Just Six Numbers (Rees)</p> <p>About Time (Frank)</p> <p>The Wonders of the Solar System (Brian Cox - anything by him is good)</p> <p>An Astronaut's Guide to Life on Earth (Hadfield)</p> <p>A Space Traveller's Guide to the Solar System (Thompson)</p> <p>Ripples in Spacetime (Schilling)</p> | <p>The Infinite Monkey Cage is an excellent radio programme (on Radio 4 and iPlayer) featuring Brian Cox and Robin Ince and combining theoretical physics with standup comedy (podcasts are available of all their programmes)</p> <p>TV Series:</p> <p>The Planets</p> <p>The Big Bang Theory</p> <p>Movies:</p> <p>The imitation game</p> <p>Oppenheimer</p> <p>The Enigma code</p> <p>Websites:</p> <p><a href="http://www.ted.com/">http://www.ted.com/</a></p> <p><a href="http://www.thenakedscientists.com">www.thenakedscientists.com</a></p> <p><a href="http://www.galaxyzoo.com/">http://www.galaxyzoo.com/</a></p> <p><a href="http://www.isaacphysics.org/">http://www.isaacphysics.org/</a></p> <p><a href="https://www.physicsonline.com/">https://www.physicsonline.com/</a></p> <p><a href="https://home.cern/">https://home.cern/</a> - At CERN, the European Organization for Nuclear Research, physicists and engineers are probing the fundamental structure of the universe.</p> |



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|  | <p>Calculating the Cosmos (Stewart)</p> <p>The Ascent of Gravity (Chown)</p> <p>New Scientist</p> <p>Scientific American</p> | <p>They use the world's largest and most complex scientific instruments to study the basic constituents of matter – the fundamental particles</p> <p><a href="http://www.physics.org/about">http://www.physics.org/about</a> - physics.org is brought to you by the Physics in Society team at the Institute of Physics. Their aim is to inspire people of all ages about physics. Let them be your guide and show you the best physics places on the web</p> <p><a href="http://www.antonine-education.co.uk/">http://www.antonine-education.co.uk/</a> - A website written by James Irvine, a retired teacher from Sheffield. Although the website is primarily written to support AQA, the material is also easily transferable to other exam boards</p> <p><a href="http://www.physicsandmaths/">http://www.physicsandmaths/</a> - A website written by a practicing physics and maths tutor in London. @physicsandmathstutor is an Oxford physics graduate with a PGCE from Kings College London</p> <p><a href="https://www.youtube.com/c/ALevelPh">https://www.youtube.com/c/ALevelPh</a> - A YouTube channel you definitely want to watch. Y12 or AS Physics content is free to view, you will find hundreds of videos made to help you in your A Level physics studies</p> <p>Physics on Social Media:<br/>Follow on Twitter:</p> <p>Commander Chris Hadfield – former resident aboard the International Space Station @cmdrhadfield</p> <p>NASA's Voyager 2 – a satellite launched nearly 40 years ago that is now travelling beyond our solar system @NSFVoyager2</p> <p>Neil deGrasse Tyson – Director of the Hayden Planetarium in New York @neiltyson</p> <p>The SETI Institute – The Search for Extra Terrestrial Intelligence, be the first to know what they find! @setiinstitute</p> <p>Phil Plait – tweets about astronomy and bad science @badastronomer</p> <p>Institute of Physics – The leading scientific membership society for physics @PhysicsNews</p> |
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## Book Recommendations

Below is a selection of books that should appeal to a physicist – someone with an enquiring mind who wants to understand the universe around us.

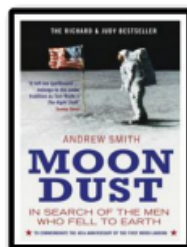


**Surely You're Joking Mr Feynman: Adventures of a Curious Character**

By reading this book you will get insight into his life's work including the creation of the first atomic bomb and his work in the field of particle physics.

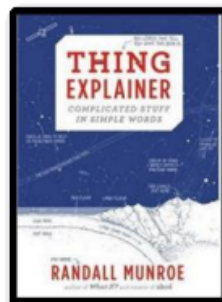
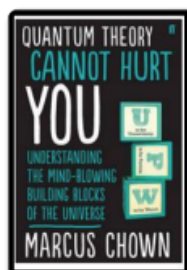
**Moondust: In Search of the Men Who Fell to Earth**

This book uses the personal accounts of 9 astronauts and many others involved in the space program, looking at the whole space-race era.



**Quantum Theory Cannot Hurt You: Understanding the Mind-Blowing Building Blocks of the Universe**

Any physics book by Marcus Chown is an excellent insight into some of the more exotic areas of physics that require no prior knowledge.



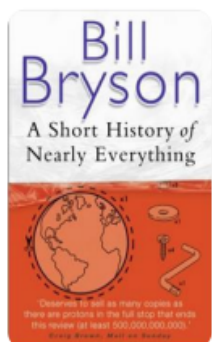
**Thing Explainer: Complicated Stuff in Simple Words**

Written by the creator of online comic XTCd (a great source of science humour) is a book of blueprints from everyday objects such as a biro to the Saturn V rocket and an atom bomb.



**A Short History of Nearly Everything**

A whistle-stop tour through many aspects of history from the Big Bang to now. This is a really accessible read that will re-familiarise you with common concepts and introduce you to some of the more colourful characters from the history of science.



Scientific America – Journal sharing discoveries and insights into science that develops the world @sciam

SN Students – Science news for students @SNStudents

Find on Facebook:

National Geographic - since 1888, National Geographic has travelled the Earth, sharing its amazing stories in pictures and words

Science News Magazine - Science covers important and emerging research in all fields of science

BBC Science News - The latest BBC Science and Environment News: breaking news, analysis and debate on science and nature around the world

Institute of Physics - The Institute of Physics is a leading scientific membership society working to advance physics for the benefit of all

Chandra X-ray Observatory - NASA's Chandra X-ray Observatory is a telescope specially designed to detect X-ray emission from very hot regions of the Universe such as exploded stars, clusters of galaxies, and matter around black holes

Interesting Engineering - Interesting Engineering is a cutting edge, leading community designed for all lovers of engineering, technology and science

## Movie Recommendations

Everyone loves a good story and everyone loves some great science. Here are some 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 30 years to give you our top 5 films you might not have seen before. Great watching for a rainy day.



### Moon (2009)

With only three weeks left in his three year contract, Sam Bell is getting anxious to finally return to Earth. He is the only occupant of a Moon-based manufacturing facility along with his computer and assistant, GERTY. When he has an accident however, he awakens to find that he is not alone.



### Gravity (2013)

Two astronauts work together to survive after an accident which leaves them stranded in space.

### Interstellar (2014)

A team of explorers travel through a wormhole in space in an attempt to ensure humanity's survival.



### The Imitation Game (2014)









Based on a true story. During World War II, the English mathematical genius Alan Turing tries to crack the German Enigma code with help from fellow mathematicians.



### Apollo 13 (1995)

Based on a true story. NASA must devise a strategy to return Apollo 13 to Earth safely after the spacecraft undergoes massive internal damage putting the lives of the three astronauts on board in jeopardy.

There are some great TV series and box sets available too! You might want to check out: Blue Planet, Planet Earth, Wonders of the Universe, Wonders of the Solar System, NASA TV and Shock & Awe – The Story of Electricity.

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|                |  | <p><u>Movie Recommendations</u></p> <p>If you have 30 minutes to spare, 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:</p> <p><b>From mach-20 glider to hummingbird drone</b><br/> Available at:<br/> <a href="https://www.ted.com/talks/regina_dugan_from_mach_20_glider_to_humming_bird_drone/up-next?language=en">https://www.ted.com/talks/regina_dugan_from_mach_20_glider_to_humming_bird_drone/up-next?language=en</a><br/> "\"What would you attempt to do if you knew you could not fail?\" asks Regina Dugan, then director of DARPA, the Defense Advanced Research Projects Agency. In this talk, she describes some of the extraordinary projects that her agency has created.</p>   <p><b>Is our universe the only universe?</b><br/> Available at:<br/> <a href="https://www.ted.com/talks/brian_greene_why_is_our_universe_fine_tuned_for_life?language=en">https://www.ted.com/talks/brian_greene_why_is_our_universe_fine_tuned_for_life?language=en</a><br/> Brian Greene shows how the unanswered questions of physics (starting with a big one: What caused the Big Bang?) have led to the theory that our own universe is just one of many in the \"multiverse.\"</p>   <p><b>The fascinating physics of everyday life</b><br/> Available at:<br/> <a href="https://www.ted.com/talks/helen_czerski_fun_home_experiments_that_teach_you_physics?language=en">https://www.ted.com/talks/helen_czerski_fun_home_experiments_that_teach_you_physics?language=en</a><br/> Physicist Helen Czerski presents various concepts in physics you can become familiar with using everyday things found in your kitchen.</p>   <p><b>We need nuclear power to solve climate change</b><br/> Available at:<br/> <a href="https://www.ted.com/talks/joe_lassiter_we_need_nuclear_power_to_solve_climate_change?language=en">https://www.ted.com/talks/joe_lassiter_we_need_nuclear_power_to_solve_climate_change?language=en</a><br/> Joe Lassiter is focused on developing clean, secure and carbon-neutral supplies of reliable, low-cost energy. His analysis of the world's energy realities puts a powerful lens on the touchy issue of nuclear power.</p>   |
| Sports Studies | <p><b>Books:</b></p> <p>S. Bointon, et al. 2016. Cambridge Technical Level 3 Sport and Physical Activity, 2016, Hodder Education - ISBN: 9781471874857 (main textbook – advised as the book to purchase)</p> <p>Clegg, C. 1995. Exercise Physiology and Functional Anatomy. Feltham Press<br/> Walder, P. 1998. Mechanics and Sport Performance. Feltham Press</p> <p>Honeybourne, J. 2006. Acquiring Skill in Sport: An Introduction. Routledge</p> | <p><b>Television:</b></p> <p>Sports News Channel- This will support how you show your understanding by using current examples from sport</p> <p>Hoop Dreams. 1994- A film regarding barriers to participation in sport</p> <p>Live Sporting Events- This will support how you show your understanding by using current examples from sport</p> <p>YouTube Clips:</p>  |

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| <p>Bean, A. 2017. The Complete Guide to Sports Nutrition. Bloomsbury Publishing</p> <p>Scholarly Articles:</p> <p>Polley, M. 2008. 'The amateur rules': Amateurism and professionalism in post-war British athletics</p> <p>Contemporary British History, pages 81- 114</p> <p>Quennerstedt, M. Ohman, M &amp; Armour, K. 2014. Sport and exercise pedagogy and questions about learning Sport, Education and Society, pages 885-898.</p> <p>Alexandris, K. Tsorbatzoudis, C. &amp; Grouios, G. 2017. Perceived Constraints on Recreational Sport Participation: Investigating their Relationship with Intrinsic Motivation, Extrinsic Motivation and Amotivation, Journal of Leisure Research, pages 233-252.</p> <p>Zaichkowsky, L. 2004. Arousal in Sport. Applied Psychology.</p> <p>Weinberg, R. S. (2002) Goal setting in sport and exercise: Research to practice. Exploring sport and exercise psychology, pages 25-48.</p> | <p>Venous Return <a href="https://www.youtube.com/watch?v=J80hhCkLuaA">https://www.youtube.com/watch?v=J80hhCkLuaA</a></p> <p>Stages of Learning <a href="https://www.youtube.com/watch?v=n7UcobScnck">https://www.youtube.com/watch?v=n7UcobScnck</a></p> <p>Rational Recreation <a href="https://www.youtube.com/watch?v=SPrTPKj4O">https://www.youtube.com/watch?v=SPrTPKj4O</a></p> <p>NQ Newton's Laws <a href="https://www.youtube.com/watch?v=MAM6LOUnJ80">https://www.youtube.com/watch?v=MAM6LOUnJ80</a></p> <p>Aggression in Sport <a href="https://www.youtube.com/watch?v=DirTha8cbAI">https://www.youtube.com/watch?v=DirTha8cbAI</a></p> |
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