

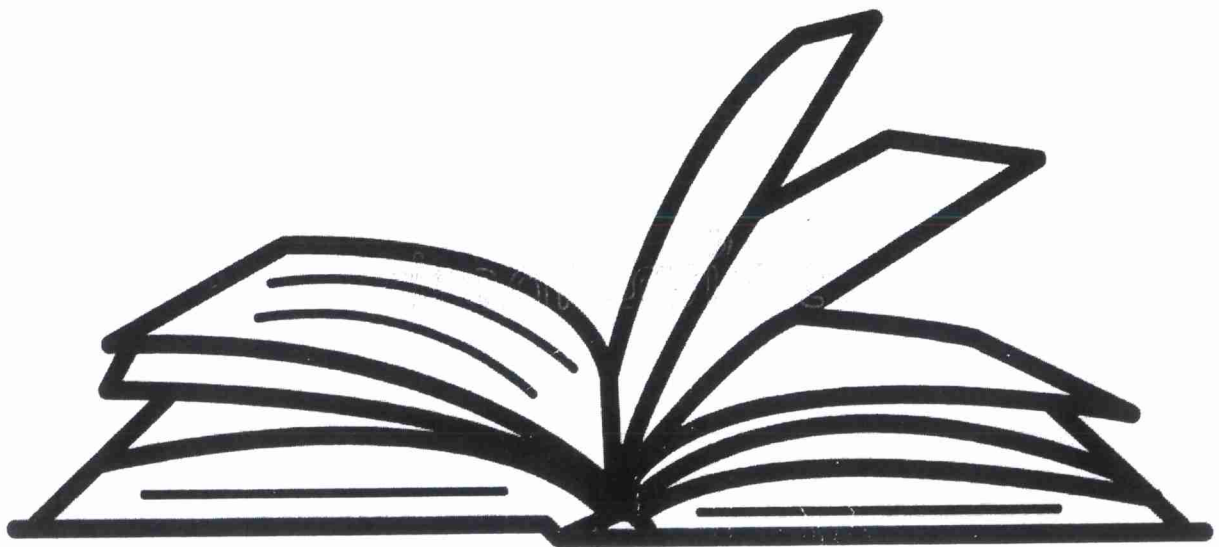
RANGE SIXTH FORM

WIDER READING

&

STUDY LISTS

'A' LEVEL AND BTEC



GETTING SIXTH FORM READY!

SIXTH FORM READING AND STUDY LISTS

Sixth Form is a time of educational exploration, extension and experimentation. Whilst maintaining a dedicated commitment to your chosen subjects, you are also strongly encouraged to stretch yourself in terms of acquiring broader learning during this period.

To get the most out of your time in Sixth Form, you need to go above and beyond your specifications and set homework. To gain a pass grade, completion of homework is essential. To gain a GOOD grade, is to do much more than that. You need to be INDEPENDENT learners, who take initiative with regards to your study time. You need to read ahead, read for interest, research beyond the expected, engage with university materials and look to the many lectures and talks available to complement your studies. A guideline is to match an hour's lesson time with an hour's private study outside the classroom.

This will benefit you not only in terms of results, but also in terms of your life chances. This will mean that you are a more attractive candidate when it comes to applications for further study and employment, as well as a more interesting and interested human being, who is aware of the world and is able to engage with important issues and ideas.

In addition to the subject pages enclosed, below are some suggestions for wider learning which go 'above and beyond' the curriculum. This is not an exhaustive list.

PUBLICATIONS AND NEWSPAPERS

It is a good idea to read articles in the "broadsheet" newspapers: The Times, The Guardian, The Financial Times and The Telegraph. All of these can be accessed online.

TED TALKS

Now established as a worldwide phenomenon and learning resource, TED lectures are a set of globally resourced conferences, promoted under the slogan: "Ideas Worth Spreading". On this website you will find an almost endless array of high quality, stimulating and educational lectures, seminars and articles, to stir your curiosity.

SCHOOL LIBRARY

Check out what is available in the school Library. A number of students subscribe to subject related journals. Articles are catalogued. Speak to the librarian about what is available.

VIRTUAL CLASSROOMS

Increasingly, educational institutions are offering free courses, lectures and articles.

<https://www.futurelearn.com/> (free online courses)

<https://scholar.google.co.uk>

This is an exciting time in your educational journey! We look forward to working with you on your path to discovery!

Dr Ainsworth (Assistant Head 14-19 Education) and Sixth Form Team

EXTECTIONS PRIOR TO JOINING YEAR 12 IN SEPTEMBER

**THESE WIDER READING OPPORTUNITIES AND STUDY LISTS, WILL BE OF BENEFIT
THROUGHOUT YOUR TWO YEAR COURSE.**

**BEFORE YOU START IN SEPTEMBER, WE EXPECT THAT YOU WILL HAVE ENGAGED WITH
SOME OF THE MATERIAL DETAILED ON EACH OF YOUR SUBJECT PAGES.**

**PLEASE COMPLETE THE INDEPENDENT READING LOG AAT THE BACK OF THIS BOOKLET.
IT WILL BE SIGNED OFF IN SEPTEMBER BY A TEACHER FORM EACH OF YOUR SUBJECTS.**

ENYOY EXPLORING WHAT'S ON OFFER!

ART/PHOTOGRAPHY

During the A level course you will choose a personal investigation topic. With this in mind, prepare a 10 min presentation on your favourite photographer or artist, craftsperson.

You will be expected to spend approx 2 to 3 hours researching and preparing your presentation.

Your presentation should include:

- Visual examples of your chosen artists work
- A brief summary of the artist, craftsperson or photographer, including the artists own statement about their work.
- Your own personal critique of the pieces of art, why you have selected this particular pieces, how it has inspired you, the techniques used etc.

Presentations will begin during your first art lesson in September.

READING/RESOURCE LIST

<https://www.pinterest.co.uk/ArtRangeHigh/?eq=Range%20High&etslf=5261>

<https://www.aqa.org.uk/subjects/art-and-design/as-and-a-level/art-and-design/subject-content/art,-craft-and-design>

<https://www.aqa.org.uk/subjects/art-and-design/as-and-a-level/art-and-design/subject-content/photography>

<https://www.studentartguide.com/articles/writing-the-a2-art-personal-study>

<https://www.pinterest.co.uk/1jancan/a2-personal-investigation-ideas/>

<https://www.pinterest.co.uk/search/pins/?q=A%20level%20photography%20ideas&rs=typed>

<https://www.pinterest.co.uk/search/pins/?q=Photographers&rs=typed>

BIOLOGY

1. The following book needs to be purchased:

Pearson – OCR AS/A level Biology. ISBN: 98 1 44799 079 6 (Amazon approx. £24)

Another useful book to purchase would be:

CGP Essential Maths Skills for A Level Biology. ISBN 978 1 84762 323 2 (Amazon approx. £7)

OR

Maths Skills for A Level Biology. ISBN: 978 1 4085 2118 2 (Amazon approx. £10)

2. GOOGLE – Higher Biology – Scotland – Scotland – BBC bitesize

Read topic 1 – DNA & the genome.

3. To get more information about what Biology is about at a higher level, you may also want to look into subscribing to or visiting some of the following:

Biology Review – is a full colour magazine for post-16 Biologists. The aim is to make Biology exciting and understandable. It is an ideal resource for those taking AS/A2 Biology.

New Scientist- again a full colour magazine, the content of which is usually very topical and at the cutting edge of Science.

Institute of Biology – <http://www.instituterofbiology.org/>

4. Books of interest

The selfish gene by Richard Dawkins

The origin of species by Charles Darwin & Greg Sariano

Genes – the fight for life by Brian J Ford

Human Health and Disease by Ann Fullick

Statistics without tears – a primer for non-mathematicians by D Rowntre

The blind watchmaker by Richard Dawkins – about the role of genes in evolution.

The naked ape by Desmond Morris – about human evolution.

BUSINESS BTEC

CORE BOOKS

- BTEC Nationals Business Student Book 1 + Activebook: For the 2016 specifications (BTEC National Business 2016) – published by Pearson Education
- ISBN-13: 978-1292126241

REVISION GUIDE

- Revise BTEC National Business Revision Workbook (REVISE BTEC Nationals in Business) – published by Pearson Education
ISBN-13: 978-1292150116

SUBJECT RELATED BOOKS

- Business Studies How I Made It: 40 Successful Entrepreneurs Reveal How They Made Millions – Rachel Bridge. Published by Kogan Page
ISBN-13: 978-0749460525

An essential read for anyone that is thinking about starting their own business. Successful Entrepreneurs are interviewed about how they spotted a gap in the market, and developed a USP.

- Management in Ten words – Terry Leahy. Published by Random House Business
ISBN-13: 978-1847940919

Sir Terry was CEO of Tesco for 14 years, turning the chain into a global enterprise. Here he draws on his experience and expertise to pinpoint the ten vital attributes that make successful managers.

- The Tipping Point: How Little Things Can Make a Big Difference – Malcolm Gladwell. Published by Abacus.
- ISBN-13: 978-0349113463

A very readable and fascinating book, which looks into the reasons products become market leaders.

WEBSITES

- <https://www.tutor2u.net>
An excellent support website for Business BTEC students. This link takes you to the blog pages – scroll down to read commentary on topical and relevant business articles
- www.busiensscasestudies.co.uk
Read relevant case studies from real world companies – with links to relevant business theory
- www.bbc.co.uk/news/business
A valid and accessible section of the BBC news website, with topical and at times in depth business news stories
- <https://www.bbc.co.uk/news/business/economy>
A sub section of the BBC news business section, exploring current features and data relating to the UK economy

BUSINESS STUDIES

CORE BOOKS

All 3 text books identified below are suitable for the AQA course. You can view all these textbooks in school before you commit to buying one:

- AQA Business for A Level (Marcouse) – published by Hodder Education
ISBN-13:978-1471835698
- AQA Business for A Level 1 (Surridge & Gillespie) – published by Hodder Education
ISBN-13: 978-1471836138
- AQA A Level Business 1 Third Edition (Wolinski & Coates) – published by Hodder Education. ISBN-13: 978-1471836091

REVISION GUIDE

- A Level Business: AQA Year 1 & 2 Complete Revision & Practice (CGP A Level Business) – CPG Books ISBN-13: 978-1782943518

SUBJECT RELATED BOOKS

- The Google Story – David A. Vise. Published by Pan. ISBN-13: 978-0330508124

An interesting investigation into the culture at Google, includes insights into the four day working week and soft management styles. The question is; are these the things that made Google the world's number one search engine?

- Management in Ten words – Terry Leahy. Published by Random House Business
ISBN-13: 978-1847940919

Sir Terry was CEO of Tesco for 14 years, turning the chain into a global enterprise. Here he draws on his experience and expertise to pinpoint the ten vital attributes that make successful managers.

- The Tipping Point: How Little Things Can Make a Big Difference – Malcolm Gladwell.
Published by Abacus.
- ISBN-13: 978-0349113463

A very readable and fascinating book, which looks into the reasons products become market leaders.

- Billions of Entrepreneurs: How China and India Are Reshaping Their Futures and Yours - Tarun Khanna. Published by Harvard Business Review Press.
ISBN-13 978-1422157282

An investigation into Asia's two growing economic powers.

- The Toyota Way: 14 Management Principles from the World's Greatest Manufacturer - Jeffrey Liker. Published by McGraw-Hill Education.
ISBN-13 978-0071392310

Covers Japanese Management Techniques, including Kaizen and TQM, that helped to transform manufacturing.

- The Business Review Magazine is available in school by annual subscription – 4 publications per year for £15. Archived copies are available in the library.

WEBSITES

- <https://www.tutor2u.net>
An excellent support website for Business BTEC students. This link takes you to the blog pages – scroll down to read commentary on topical and relevant business articles
- www.busiensscasestudies.co.uk
Read relevant case studies from real world companies – with links to relevant business theory
- www.bbc.co.uk/news/business
A valid and accessible section of the BBC news website, with topical and at times in depth business news stories
- <https://www.bbc.co.uk/news/business/economy>
A sub section of the BBS news business section, exploring current features and data relating to the UK economy

CHEMISTRY

Range 6th form takes pupils from a wide range of schools, who have studied a variety of GCSE syllabuses. We want to ensure that everybody is equally able to access the content of the AS Level and so the following tasks give you a chance to ensure that you are fully prepared.

At Range we follow the Edexcel Science syllabus at GCSE, this is accessible from the exam board website, but we don't expect that you have looked at it. We use the AQA Chemistry A level syllabus and this can also be accessed from their website and you should familiarise yourself with this throughout the course. www.aqa.org.uk

To ensure that you are ready to access the A Level syllabus the following book needs to be purchased:

- Oxford – AQA Chemistry A level ISBN: 13: 978 019 835182 5 (Amazon approx. £40)

The following books may also be useful:

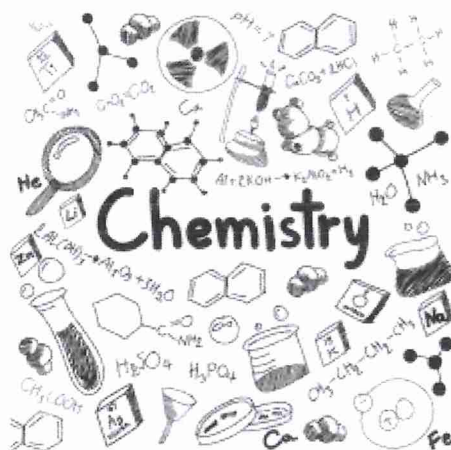
- CGP Essential Maths Skills for A Level Chemistry (especially if not taking A level Maths)
- CGP - Head start to AS Chemistry
-

To get more information about what Chemistry is about at a higher level, you may also want to subscribe to or visit some of the following:

- Chemistry review – is a full colour magazine for post-16 Chemists.
- Catalyst – a science magazine for students aged 14-19
- Resources for students collated by the Royal Society of Chemistry: www.rsc.org.uk
- Chemistry World magazine
- ChemNet society – online subscription available to students for free
- New Scientist –full colour, cutting edge science magazine
- Institute of chemical engineers: www.icheme.org
- The Mole - Royal Society of Chemistry's magazine <http://www.rsc.org/eic/mole>
- Chemguide – has been used a lot by students for help in independent study: <http://www.chemguide.co.uk>
- The periodic table videos from the University of Nottingham
- AS/A Level resources from the University of Liverpool
- Animations of organic reaction mechanisms
- Doc Brown's Chemistry notes: <http://www.docbrown.info/>
- Chemistry Careers: <http://www.rsc.org/careers/future/>

Recommended wider reading books for Chemistry students include:

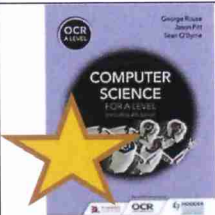
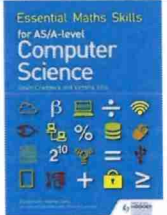

- Bad Science - Ben Goldacre.
- The chemistry of explosives - Jacqueline Akhavan
- The science of chocolate - S.T Beckett
- Food – the chemistry of its components - T.P Coultate
- The chemistry of fireworks - Michael S Russell
- The chemistry of life – Steven Rose
- 50 ideas you really need to know about Chemistry – Birch
- The disappearing spoon – Sam Kean



COMPUTER SCIENCE

CORE COURSE TEXTBOOKS:

The following textbooks are core textbooks that have been written for your specification. Ideally you will have access to all of these books. However, if this is not a financially viable option, we could strongly recommend you purchase the first textbook, **OCR A Level Computer Science** by **G. Rouse, J. Pitt, S. O'Byrne**.

Book Image	Book Title	Author(s)	Estimated Price	ISBN
	OCR A Level Computer Science	G. Rouse, J. Pitt, S. O'Byrne	£15	ISBN-10: 1471839761 ISBN-13: 978-1471839764
	Essential Maths Skills for AS/A Level Computer Science	G. Craddock, V. Ellis	£10	ISBN-10: 1471863573 ISBN-13: 978-1471863578
	OCR AS and A Level Computer Science	P.M. Heathcote, R.S.U Heathcote	£27	ISBN-10: 1910523054 ISBN-13: 978-1910523056

GENERAL READING TEXTBOOKS AND WEBSITES:

There is **no requirement** for you to purchase these books. However, these books and websites contain general reading that you may find useful. They contain laws, principles and thinking from different people in the Computer Science industry that can be applied to all areas of the subject.

- Algorithms to Live By: The Computer Science of Human Decisions By Brian Christian and Tom Griffiths
- The Soul of a New Machine By Tracy Kidder
- Superintelligence: Paths, Dangers, Strategies by Nick Bostrom
- Hackers: Heroes of the Computer Revolution by Steven Levy
- The Chip: How Two Americans Invented the Microchip and Launched a Revolution by T.R. Reid
- The Second Machine Age: Work, Progress, and Prosperity in a Time of Brilliant Technologies Erik Brynjolfsson and Andrew McAfee
- The Innovators: How a Group of Hackers, Geniuses, and Geeks Created the Digital Revolution Walter Isaacson
- The Search: How Google and Its Rivals Rewrote the Rules of Business and Transformed Our Culture John Battelle
- https://www.tutorialspoint.com/data_structures_algorithms/index.htm
- https://www.tutorialspoint.com/computer_fundamentals/index.htm
- https://www.tutorialspoint.com/operating_system/index.htm
- <http://theteacher.info/index.php/downloads/file/533-chap1-5>
- <http://theteacher.info/index.php/downloads/file/534-chap6-10>
- <http://theteacher.info/index.php/downloads/file/540-chap36-40>

BTEC DIGITAL CONTENT PRODUCTION:

GENERAL READING TEXTBOOKS AND WEBSITES:

There is **no requirement** for you to purchase these books. However, these books and websites contain general reading that you may find useful. They contain laws, principles and different approaches that can be applied to all areas of the subject.

- Universal Principles of Design, Revised and Updated: 125 Ways to Enhance Usability, Influence Perception, Increase Appeal, Make Better Design Decisions, and Teach through Design by William Lidwell , Kritina Holden and Jill Butler.
- The Non-Designer's Design Book by Robin Williams.
- The Pocket Universal Principles of Design by William Lidwell.
- Designing with the Mind in Mind: Simple Guide to Understanding User Interface Design Guidelines by Jeff Johnson.
- How To Create A Perfect Landing Page: Improve Lead Generation With Better Website Design by Darren Hignett.
- How to Build a Billion Dollar App: Discover the secrets of the most successful entrepreneurs of our time by George Berkowski.

Shneiderman's Eight Golden Rules Will Help You Design Better Interfaces

- <https://www.interaction-design.org/literature/article/shneiderman-s-eight-golden-rules-will-help-you-design-better-interfaces>

A Very Useful Work of Fiction – Mental Models in Design

- <https://www.interaction-design.org/literature/article/a-very-useful-work-of-fiction-mental-models-in-design>

Designing for the Mental Model

- <https://uxdesign.cc/designing-for-the-mental-model-b6aa5b3a814d>

DESIGN & TECHNOLOGY: PRODUCT DESIGN

It will be very useful to start practising your 3d Computer Aided Design Skills for this course. Use the reading log to record any sessions where you have tried the software (Include any specific tools within the software that you have used).

Please practise using the following free software:

SKETCHUP

Existing Range students use Google Classroom / Classwork / Online Content

You will find the online version of Sketchup and some Tutorials.

We also have tutorial playlists on our YouTube channel: Range High DT

New students can go to <https://www.sketchup.com/products/my-sketchup> for a browser version, with tutorials at <https://www.sketchup.com/education/sketchup-for-schools/curriculum/app>

AUTODESK

Other software if your computer is powerful enough:

<https://www.autodesk.com/products/fusion-360/students-teachers-educators>

(There are tutorials on the website)

FURTHER READING:

INTERNET RESEARCH

- Designers:
 - Phillipe Starck
 - James Dyson
 - Margaret Calvert
 - Dieter Rams
 - Charles and Ray Eames
 - Marianne Brandt.
- Design movements:
 - Arts and craft movement
 - Art Deco
 - Modernism, eg Bauhaus
 - Post modernism, eg Memphis

COURSE TEXTBOOK

AQA AS and A-level Design and Technology: Product Design

Authors: Will Potts, Julia Morrison, Ian Granger, Dave Sumpner

Publisher: Hodder

ISBN-13: 9781510414082

Price: £32.99 (£26.00 if ordered via school in September)

SUGGESTIONS FROM A LIBRARY:

Process: 50 Product Designs from Concept to Manufacture - Jennifer Hudson

The Eco-Design Handbook: A Complete Sourcebook for the Home and Office - Alastair Fuad-Luke

The Design of Everyday Things - Donald A. Norman

Product and Furniture Design - Rob Thompson

DRAMA AND THEATRE STUDIES

We study the AQA specification

We study 2 texts

Hedda Gabler - Henrik Ibsen

Our Country's Good - Timberlake Wertenbaker

Please research these plays in preparation for the course

Pupils choose 2 Theatre Practitioners to explore in depth.

Please research the following 6 Practitioners finding out their performance style, dramatic intentions and find examples of their work on youtube.

Antonin Artaud

Bertolt Brecht

John Godber

Nicholas Kent

Constantin Stanislavski

Theatre Alibi

One of the components is devised drama. Students perform in the style of a practitioner on a subject that they choose. Think about what you might do for this

ECONOMICS

CORE BOOKS

We are awaiting an update to the current Economics textbook due to some minor changes in the specification. The current textbook is:

- OCR A Level Economics Book 1 (by Peter Smith) – published by Hodder Education
ASBN-13: 978-1471829895

REVISION GUIDE

- A-Level Economics: Year 1 & 2 Complete Revision & Practice (CGP A-Level Economics) CPG Books
ISBN-13: 978-1782943471

SUBJECT RELATED BOOKS

- The Undercover Economist – Tim Harford. Published by Abacus
ISBN-13: 978-034911954

Looking at familiar situations in unfamiliar ways and using a range of engaging examples, this is an explanation of the basic principles of the modern economy.

- What Money Can't Buy: The Moral Limits of Markets – Michael Sandel.
Published by Penguin. ISBN-13: 978-0241954485

This book identifies the extent to which market values have impinged on almost every aspect of life and explores the ethics of this situation. It explores questions such as 'should we financially reward children for good marks?' and 'Is it ethical to pay people to donate organs?'

- Grave New World – Stephen D King. Published by Yale University Press.
ISBN-13: 978-0300218046

The former head of Economics at HSBC looks at the fracturing global economy.

- The Economics Review Magazine

Available in school by annual subscription – 4 publications per year for £15. Archived copies are available in the school library.

WEBSITES

- FREAKONOMICS.COM

A collection of blog posts stemming from the FREAKONOMICS and SUPERFREAKONOMICS books and movie, which applies economic theory to a wide range of (sometimes unusual) contexts.

- THE ECONOMIST.COM

The website attached to this reputable news publication, reporting and exploring economics in action

- <https://www.bbc.co.uk/news/business/economy>

A sub section of the BBC news business section, exploring current features and data relating to the UK economy

ENGLISH

There is a wealth of evidence which shows that students who are widely read, achieve higher grades than those who do not. Certainly, past experience here at Range High School has proved that, in English A Level, there is a clear correlation between the breadth of reading a student has undertaken and ultimate grades. Shockingly, every year, there are students who opt to study English Literature at A Level who claim not to read at all. Without fail, these students struggle to accomplish the written tasks to the same standard as their peers who are keen readers of a variety of texts and genres.

The benefits of reading are huge: not only does it increase your fluency in spelling, punctuation and grammar (since you unconsciously pick up correct English usage) but also you are exposed to a wide range of writing forms and styles. For example, you will find it extremely difficult to analyse the similarities and differences in different texts if you have no experience of different styles and genres. Similarly, you need to read historical articles and critical theory to enhance your arguments and achieve the higher bands in your examination essays and your NEAs.

You will be given a list of set texts to answer for your exams but you have some freedom to choose the texts for your NEAs; students who widely read undoubtedly pick better texts and more original questions. The more confident you are with the different writing techniques and narrative structures, the easier you will find comparing, analysing and re-creating texts (if you opt for this in your NEA).

If you intend to go on to University, whatever your course, then you will be expected to read widely in order to increase your subject knowledge. It really is foolish to embark upon an English Literature course with the attitude that "I'm not really a reader" – NOW is the time to change that and become one.

This reading lists is designed so that you will encounter a range of genres and build a portfolio of fiction beyond the range you have encountered so far:

<u>SET TEXTS:</u>	
Aspects of Tragedy	Elements of Crime Writing
William Shakespeare's <i>Othello</i> Arthur Miller's <i>Death of a Salesman</i> John Keats poetry	Ian McEwan's <i>Atonement</i> Charles Dickens' <i>Oliver Twist</i> George Crabbe, Robert Browning and Oscar Wilde Poetry Anthology

<u>RECOMMENDED WIDER READING:</u>	
To support Tragedy:	To support Crime:
Aristotle <i>Poetics</i> Dante's <i>Inferno</i> Euripides <i>Tragedies</i> Sophocles <i>Oedipus Rex</i> Aeschylus <i>Tragedies</i> Seneca's <i>Tragedies</i> Christopher Marlowe's <i>Jew of Malta</i> Thomas Kyd <i>Spanish Tragedy</i> Arthur Miller's essay 'Tragedy and the Common Man'	Charles Dickens' <i>Great Expectation</i> , <i>Hard Times</i> Arthur Conan Doyle <i>The Adventures of Sherlock Holmes</i> Agatha Christie's <i>Miss Marple</i> , <i>Poirot</i> Patricia Wentworth's <i>Grey Mask</i> Dorothy L Sayers' <i>Murder Must Advertise</i> Raymond Chandler <i>The Big Sleep</i> Ian McEwan's <i>Enduring Love</i>

<u>GOOD READS FOR A LEVEL LITERATURE STUDENTS (NEA SUGGESTIONS?)</u>
Joseph Conrad's <i>Heart of Darkness</i> E.M. Forster's <i>Where Angels Fear to Tread</i> , <i>A Passage to India</i> D.H. Lawrence's <i>Sons & Lovers</i> James Joyce's <i>Portrait of the Artist</i> Scott Fitzgerald's <i>The Great Gatsby</i> George Orwell's <i>1984</i> , <i>Animal Farm</i> Evelyn Waugh's <i>A Handful of Dust</i> Jack Kerouac's <i>On the Road</i> John Le Carre's <i>Tinker, Tailor, Soldier, Spy</i> Nick Hornby's <i>High Fidelity</i> , <i>Fever Pitch</i> , <i>About A Boy</i> , <i>Juliet, Naked</i> Aldous Huxley's <i>Brave New World</i> Anthony Burgess' <i>A Clockwork Orange</i> Emily Bronte's <i>Wuthering Heights</i> Henry James' <i>Turn of the Screw</i> Daphne du Maurier's <i>Rebecca</i> Thomas Hardy's <i>Far from the Madding Crowd</i> , Harper Lee's <i>To Kill a Mockingbird</i> Mary Shelley's <i>Frankenstein</i> Sylvia Plath's <i>The Bell Jar</i> Khaled Hosseini's <i>The Kite Runner</i> Vladimir Nabokov's <i>Lolita</i> John Milton's <i>Paradise Lost</i> Patrick Suskind <i>Perfume</i> Oscar Wilde's <i>The Picture of Dorian Gray</i> T. S. Elliot's <i>The Waste Land</i>

FURTHER MATHEMATICS

Students need to purchase the following textbook as detailed below for the start of the course.

FURTHER MATHS A LEVEL TEXTBOOK:

AQA A Level Further Maths Year 1 + Year 2 Student Book

Publisher: Oxford University Press

Price: £46

ISBN: 978-0-19-841291-5

If studying AS Further Maths only, students only need to purchase the following textbook.

FURTHER MATHS AS LEVEL TEXTBOOK:

AQA A Level Further Maths Year 1/AS Level Student Book

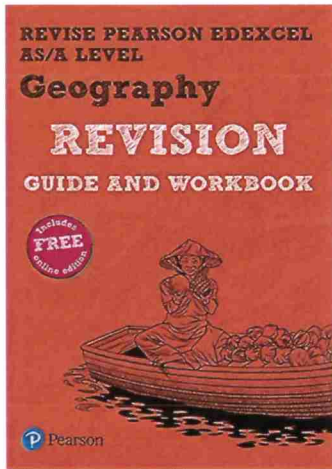
Publisher: Oxford University Press

Price: £30

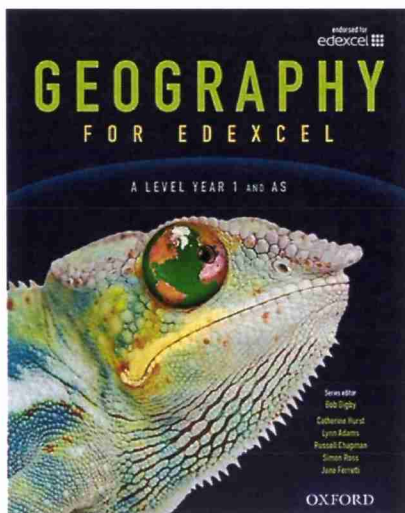
ISBN: 978-0-19-841292-2

GEOGRAPHY

You are advised to purchase Pearson's Revision guide below.



You will also need a copy of the Oxford textbook below, this is available free as a kerboodle digital etextbook which you can download. Details will be sent of how to access this shortly.



Wider Reading :

- [32 Stops](#) by Danny Dorling (great for understanding Diverse Places)
- [Prisoners of Geography](#) by Tim Marshall
- Follow on Twitter: The Economist, National Geographic, WEF, BBC news, Quakefeed, the GA and RGS for up-to-date stories.
- Apps – there is an excellent app called GEOGIT which is very good for helping you with your coursework. It costs £1.

HEALTH AND SOCIAL CARE

USEFUL WEBSITES FOR HEALTH AND SOCIAL CARE RESEARCH

HEALTHCARE

<http://www.health.org.uk/publications?gclid=CjwKCAiAk4XUBRB5EiwAHBLUMWIsddMzkoC3VnWvPuJh0mXvUUyRWG4k16MIWDvG08ZxVpPTtyLRQxoC87IQA vD BwE>

news-medical.net

Kingsfund.org.uk

<https://www.nursingtimes.net/> (Log in: rg@range.sefton.sch.uk, password Library)

<https://www.nhs.uk/news/>

SOCIAL CARE

<http://www.communitycare.co.uk>

<https://socialworktutor.com>

<https://www.basw.co.uk/psw-back-issues/>

<https://www.instituteforgovernment.org.uk/publication/performance-tracker-autumn-2017/health-and-social-care/adult-social-care>

<http://www.emeraldinsight.com/action/doSearch?AllField=Care+home+neglect&publication=EHSC&search=Search&>

<https://www.nuffieldtrust.org.uk/resource/reforming-social-care-options-for-funding?gclid=CjwKCAiAk4XUBRB5EiwAHBLUMXz3o9ySODduODuJ0qhE9KE0iHcjNq8vT3ML8yRUnBKX934zoyxaSxoCfoAQAvD BwE>

<https://socialcare.blog.gov.uk>

<https://www.gov.uk/government/topics/social-care>

<https://www.ageuk.org.uk/information>

HEALTHCARE AND SOCIAL CARE

<https://www.gov.uk/government/publications/health-care-and-adult-social-care-in-england-2016-to-2017>

[http://www.staffs.ac.uk/research/centre for health and and social care/journal of new writing in health and social care issue 1.jsp#articles](http://www.staffs.ac.uk/research/centre%20for%20health%20and%20social%20care/journal%20of%20new%20writing%20in%20health%20and%20social%20care%20issue%201.jsp#articles)

<https://www.wlv.ac.uk/research/institutes-and-centres/centre-for-health-and-social-care-improvement-chsci/journal-of-health-and-social-care-improvement/>

<https://www.scie.org.uk/news/>

<http://www.cqc.org.uk/publications>

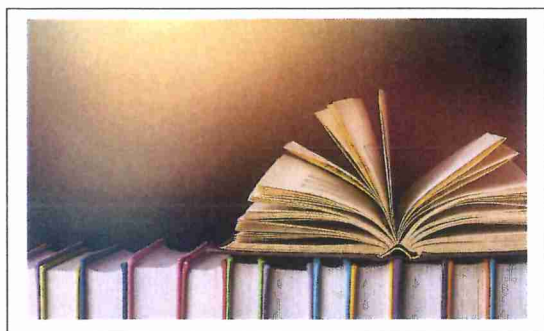
<http://www.cqc.org.uk/about-us/transparency/external-reports-research>

<https://www.cqc.org.uk/guidance-providers/case-studies>

For more articles, try searching on Google Scholar: <https://scholar.google.co.uk/>

and <https://onlinelibrary.wiley.com>

HISTORY



The following lists focus on the twentieth century German and British units, and the Tudors unit. You will need to use the websites for the activities in the transition unit. The books, documentaries and films are all optional. If you are able to read or view any of these, they will help provide you with a flavour of the periods you will be studying. We would love to hear your thoughts them.

GERMANY, 1919-63

Exploring the experience of German soldiers in WWI and their feelings about losing the war:

https://www.bbc.co.uk/history/worldwars/wwone/german_experience_01.shtml

What was the Weimar Republic?

<https://www.history.com/topics/germany/weimar-republic>

<http://web.nli.org.il/sites/NLI/English/collections/personalsites/Israel-Germany/Weimar-Republic/Pages/default.aspx>

Culture in the Weimar Republic

<https://www.bl.uk/20th-century-literature/articles/on-the-edge-of-the-volcano-culture-in-weimar-germany>

<https://alphahistory.com/weimarrepublic/weimar-art/>

FILMS AND DOCUMENTARIES

Nazis: A Warning From History (BBC documentary series)

Sophie Scholl

Schindler's List

Swing Kids

Cabaret

BOOKS WHICH FOCUS ON THE NAZI PERIOD

The graphic novel, Maus, by Art Spiegelman (fiction)

Berlin Alexanderplatz by Alfred Döblin (fiction)

The Artificial Silk Girl by Irmgard Keun (fiction)

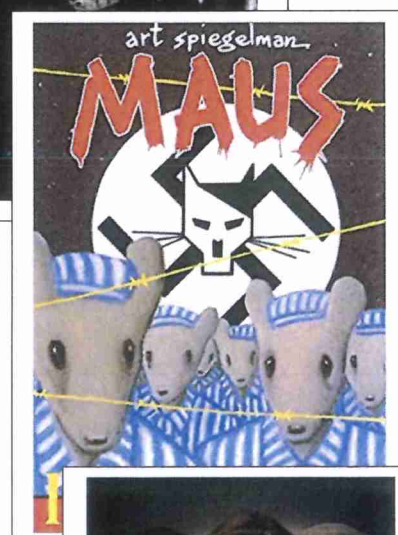
Life in the Third Reich: Daily Life in Nazi Germany, 1933-1945, by Paul Roland

Inside Nazi Germany by Peukert

BRITAIN, 1900-51

The suffragettes

<https://www.parliament.uk/about/living-heritage/transformingsociety/electionsvoting/womenvote/overview/>



History of the Liberal Party

<https://spartacus-educational.com/Pliberal.htm>

Liberal welfare reforms

<https://www.bbc.com/bitesize/guides/z83ggk7/revision/1>

History of the Labour Party

<https://www.historyextra.com/period/20th-century/labour-party-history-facts-origin-uk-first-prime-minister-britain/>

FILMS

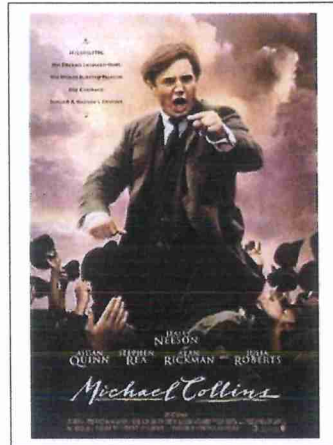
Love on the Dole

Spirit of '45

Michael Collins

Suffragette

Young Winston



THE TUDOR PERIOD, 1485-1603

<https://www.sho.com/the-tudors>

<https://tudortimes.co.uk/>

<https://tudorhistory.org/>

FILMS

The Other Boleyn Girl

Mary Queen of Scots

Lady Jane

Anne Boleyn (new TV series)

The White Queen TV series

Tudor Monastery Farm TV series

The Prince and the Pauper

Elizabeth

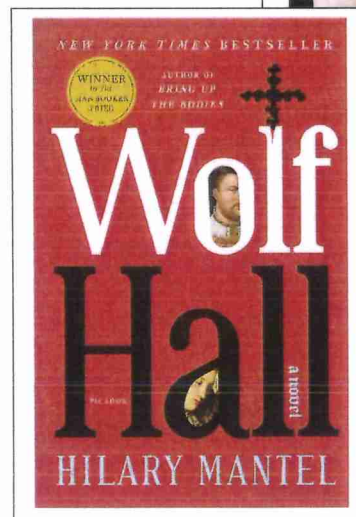
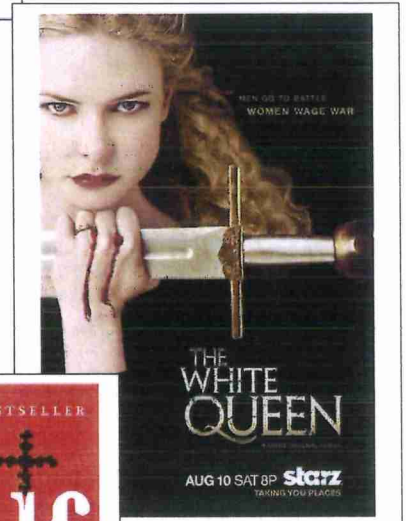
Elizabeth - the Golden Age

Anonymous

Shakespeare in Love

The Tudors TV series

Wolf Hall



MATHEMATICS

Students need to purchase the following textbook and calculator as detailed below for the start of the course.

MATHS A LEVEL TEXTBOOK:

AQA A Level Maths Year 1 and 2: Bridging Edition

Publisher: Oxford University Press

Price: £45

ISBN: 978-0-19-843644-7

Note: This book provides complete coverage of A Level, with transition support from GCSE. We recommend that students work through Bridging Unit 1 Topics A through to E in preparation for the start of the course.

CALCULATOR:

In Ofqual's GCE Subject Level Conditions and Requirements for Mathematics and Further Mathematics they state the following:

Calculators used must include the following features:

- an iterative function
- the ability to compute summary statistics and access probabilities from standard statistical distributions
- the ability to perform calculations with matrices up to at least order 3×3 (Further Maths only)

We are recommending the **Casio fx-991EX ClassWiz**. (Approx £20)

INTERESTING WEBSITES FOR FURTHER DISCOVERY

- <http://nrich.maths.org/forstudents>

An excellent website crammed full of puzzles to extend your learning.

- <http://www.cut-the-knot.org>

Interactive Mathematics Miscellany and Puzzles

WIDER READING

- Why do buses come in threes? The hidden mathematics of everyday life - Rob Eastaway & Jeremy Wyndham.
- The Simpsons and their mathematical secrets - Simon Singh
- Alex's Adventures in Numberland - Alex Bellos

MEDIA

Up to date information on materials and articles can be found on the transition google classroom. This can be accessed using the code: 7tpoomk

WATCHING:

- Black Panther (Coogler, 2018)
- I, Daniel Blake (Loach, 2016)

True Crime Documentaries such as:

- Tiger King (Chaiklin, 2020)
- Making a Murderer (Ricciardi and Demos, 2015)
- Killer Inside: The Mind of Aaron Hernandez (McDermott, 2020)

Andrew Jarecki Films:

- All Good Things (Jarecki, 2010)
- Capturing the Friendmans (Jarecki, 2003)

PODCASTS:

- *Serial Season One* (Koeing, 2014)
- Late Night Women's Hour (range of episodes)
- A podcast of your own interest

VLOGS/WEBSITES:

- Zoella (youtube, website, Instagram)
- Attitude.co.uk
- Guardian Media

ONLINE RESOURCES:

- Access Media Magazine articles online and read some academic media articles. There are also a range of videos for you to access and watch to gain an understanding of media ideas.
- <https://www.englishandmedia.co.uk/media-magazine/mmag-login>
- Log In Details:
 - Username: media@rangehigh
 - Password: media



Hello, and '**Welcome to A-level Psychology @ Range**'. I am delighted you have chosen to study this AMAZING subject and look forward to meeting you in September, if not sooner 😊 I have given you little snippets to dip into here to give you a flavour of what Psychology is all about!

Please see below for additional sources of information to get you started.



The websites listed below combine some useful information for when you actually start to study Psychology and some fun things but may also help give you an overview of the areas Psychology covers. You won't study all of Psychology, nor will you study all of the specification but an enthusiasm for all aspects of Psychology will aid your understanding.

Look at www.aqa.org.uk this is your exam board website! This has details of your specification. Remember you won't study all of it but it's good to have a look and would be really helpful if you could download a copy. We cover all of the Paper 1 and Paper 2 topics and for Paper 3, in addition to Issues and Debates which is compulsory for everyone, the 'Options' that we study are Cognition and Development, Schizophrenia and Forensic Psychology. Paper 3 is the only Paper where there is choice and you do not study every option. I teach these options as they are the ones my students wanted to do. If you are downloading the specification make sure you get a copy of the 'new' specification A-level (7182) which says version 1.1 24 June 2019, ignore anything that says specification A or B, that's old. I am not going to say any more about these topics here as in your 'Transition Unit' I am going to give you some activities linked into as many of the topics as possible.



The
British
Psychological
Society

www.bps.org.uk this is the professional website for the British Psychological Society and is not just for the use of professional Psychologists, it is for anyone studying Psychology from GCSE onwards and has lots of really useful careers advice and guidance. If you are thinking of a career in Psychology why not join the BPS as a student member, you pay a discounted fee and get a monthly copy of 'The Psychologist', the professional magazine we all read and I always put my copy of it in our classroom.

www.simplypsychology.org Click on the topics to see what is in them. At the end, there are often links to other sites. This does exactly what it says ... if you are finding a topic a little difficult, this website will simplify it for you and then when you are happy with this foundation knowledge you can build it up again to top level Psych'.

www.s-cool.co.uk this is a good website to help with revision and is particularly good for visual learners.

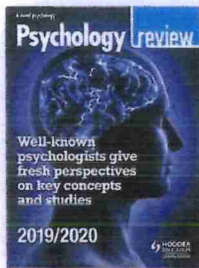
www.tutor2u.net/psychology there is just too much to say about this website, it will become your best friend and is specifically for A-level students and their teachers.

PSYCHOLOGY

MAGAZINES:



thepsychologist.bps.org.uk is an on-line version of our professional magazine.



Psychology review is written specifically for A-level Psychology students and has lots and lots of relevant information included in it, from up to date research articles, coping with exam stress and revision strategies to improving your exam technique. It is available to buy from Philip Allan publishing and you will receive four copies per academic year. (£15 for the four).



'Psychology Today' is like 'pop' psychology that is accessible to anyone not just Psychology students.

REVISION GUIDES:

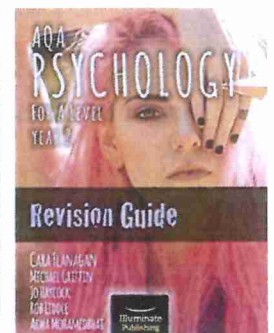
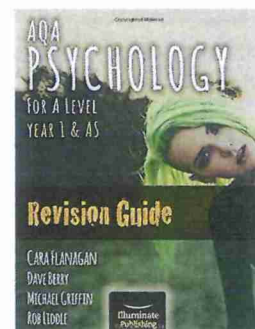
Sometimes students ask what revision book I would recommend and to be honest this often depends on your personal preference, however, students have told me they particularly like the two below because there is a revision app to support them as well as addressing all of the assessment objectives necessary to be successful in the exam.

Illuminate publishing ISBN: 978-1-908682-44-4

for the year 1 topics (year 12) Illuminate publishing ISBN: 978-1-908682-45-1

for the year 2 topics (year 13)

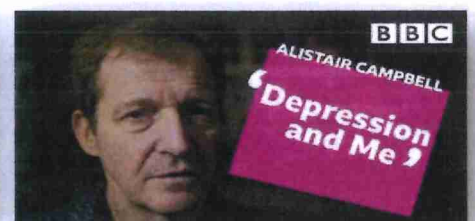
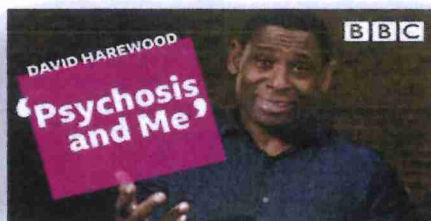
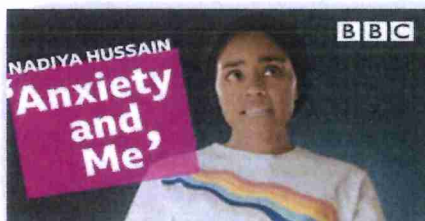
Just make sure you buy the one that has 'Revision Guide' across the front as the main textbook looks the same but bigger. You can get them from Amazon or e-bay for £7 so shop around. These have been endorsed by AQA and have contributions from experienced senior examiners.



PSYCHOLOGY



Why not have a look on the BBC I-player, we are going to be starting with Psychopathology and included in that are the topics of anxiety and depression. We will be studying the causes and treatments. There have been a couple of really good documentaries on the BBC lately and it would be really beneficial to watch the following:

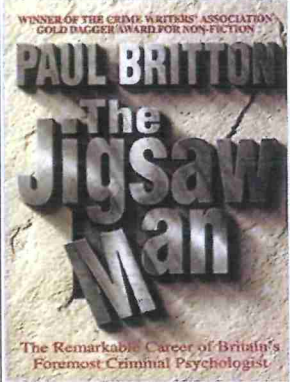
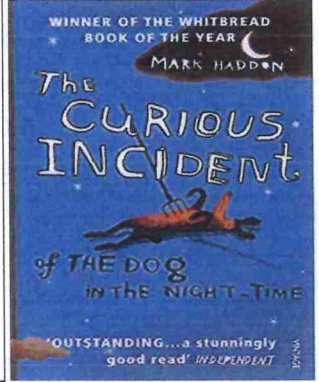
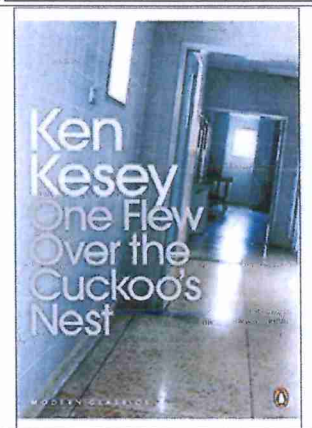
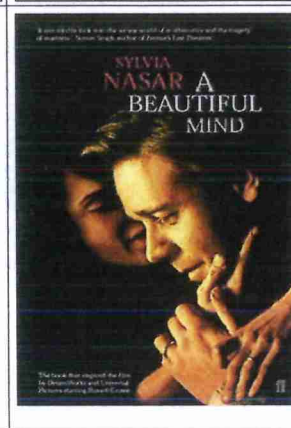
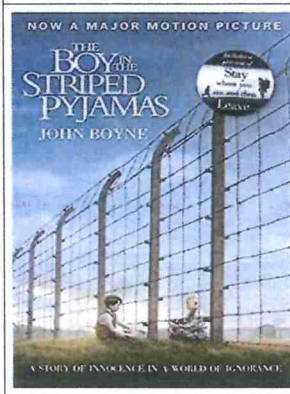
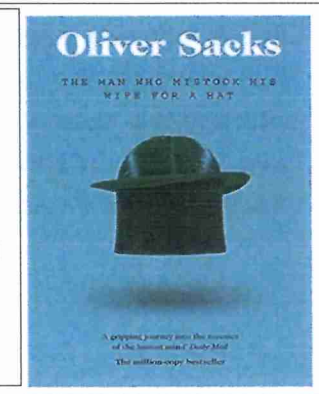
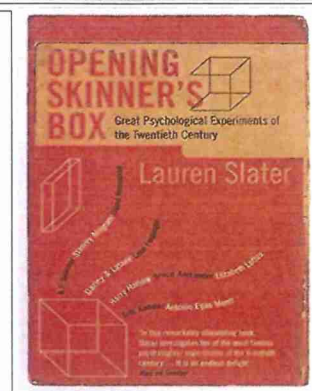
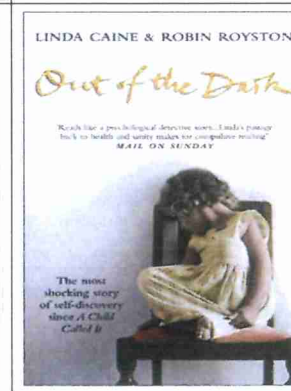


If you are still looking for ideas try TED talks.

On the following page are some examples of Psychology related books you could read and films to watch. We have a Psychology 'Book of the Month' and we all try to read the same book and talk about it. I suggest some but I love it when my students recommend one...if you have any ...let me know ☺ we are currently reading David Wilson's 'My Life with Murderers'. I am sure you will recognise this leading UK Criminologist, he does a lot of TV documentaries

PSYCHOLOGY

Psychology Books and Films!

	<p style="text-align: center;"><u>The Jigsaw Man</u></p> <p>A book about Forensic Psychology and offender profiling. Read about cases that Paul Britton has worked on. Hard hitting.</p>	<p style="text-align: center;"><u>The Curious Incident of the Dog in the Night Time</u></p> <p>A book about a boy with Autism. Learn about the symptoms of this disorder.</p>	
<p style="text-align: center;"><u>One Flew Over the Cuckoo's Nest</u></p> <p>A film about mental illness and treatment in a hospital for people with mental illness. Explores ethical issues.</p>			<p style="text-align: center;"><u>A Beautiful Mind</u></p> <p>Based on a true story, an award winning film about John Nash who had schizophrenia. It will make you cry!</p>
	<p style="text-align: center;"><u>The Boy In The Striped Pyjamas</u></p> <p>Based on WW11 and warns of the dangers of blind obedience. Links directly to the topic of Social Influence.</p>	<p style="text-align: center;"><u>The Man Who Mistook His Wife for a Hat</u></p> <p>Based on case studies of individuals with a variety of neurological disorders.</p>	
<p style="text-align: center;"><u>Opening Skinner's Box</u></p> <p>Ten ingenious and sometimes shocking Psychological experiments from the 20th Century.</p>			<p style="text-align: center;"><u>Out of the Dark</u></p> <p>A book about a woman suffering with depression and her struggle uncovering the cause.</p>

Stay safe and keep in contact with me via my school email cw@range.sefton.sch.uk

PHYSICAL EDUCATION

READING LIST

AQA A-Level & AS book 1 & 2 (Atherton, Burrows, Howitt)

BBC sport website

Sky sport news and website

PE Review magazine (available in the Library)

PHYSICS

Range 6th form takes pupils from a wide range of schools, who have studied a variety of GCSE syllabuses. We want to ensure that everybody is equally able to access the content of A Level Physics and so the following tasks give you a chance to ensure that you are fully prepared.

At Range we follow the AQA Physics A level syllabus and this can also be accessed from their website and you should familiarise yourself with this throughout the course. <http://www.aqa.org.uk>

To ensure that you are ready to fully access the AS syllabus, the following book will need to be purchased:

Oxford – AQA Physics A level . ISBN: 978 019 835187 0 (Amazon approx. £40)

We do have this as an online textbook and I will give you access to this through class charts- students new to Range High can you please email me with your email address to give you access it is nn@range.sefton.sch.uk

You will also need

CGP - Head start to AS Physics. ISBN: 978 1 78294 281 1 (Amazon approx. £5)

Also available as free kindle edition here

https://www.amazon.co.uk/Head-Start-level-Physics-Level-ebook/dp/B00VE2NII4/ref=sr_1_1?dchild=1&keywords=head+start+to+Physics&qid=1588335170&s=digital-text&sr=1-1

This is designed as a bridge between KS4 and KS5 and will form part of the transition unit.

PHYSICS FICTION READING/FILM LIST

These are some suggested books and films that contain some interesting physics which will help your understanding of some of the content in the course. There are many, many more and you do not need to stick to these suggestions but try to watch at least one film and read one book over the summer and consider the Physics involved. A book/film review will also be part of your transition work

These are some films:

- Interstellar
- The Imitation Game
- The Theory of Everything
- Star Wars (only episodes 4 onwards)
- Gravity
- Apollo 13
- The Martian
- 2001: A space odyssey
- Back to the Future series
- Deep Impact

And some books:

- The Expanse series, James S. A. Corey
- Hitchhikers Guide to the Galaxy trilogy, Douglas Adams
- The Martian, Andy Wier
- Proxima, Stephen Baxter
- The Long Earth, Terry Pratchett
- His Dark Materials, Philip Pullman
- Elephants on Acid, Alex Boese
- 2001: A Space Odyssey, Arthur C Clarke
- Long Dark Tea Time of the Soul, Douglas Adams
- The Light of Other Days, Arthur C Clarke

NON FICTION READING LIST

A Brief History of Time – Stephen Hawking
Stephen Hawking: A Graphic Guide – JP McEvoy & Oscar Zarate
The Elegant Universe – Brian Greene
Flatland – Edwin A. Abbot
How to Teach Relativity to Your Dog – Chad Orzel
Relativity Made Relatively Easy
Six Easy Pieces – Richard P. Feynmann

Here is a link to the national emergency library where you can find some relevant books to borrow
[https://archive.org/details/nationalemergencylibrary?sin=&and\[\]=popular+science&and\[\]=year%3A%222012%22](https://archive.org/details/nationalemergencylibrary?sin=&and[]=popular+science&and[]=year%3A%222012%22)

Here is the link to bbc sounds and all episodes of the infinite monkey cage - some serious science and physics but fun radio.

<https://www.bbc.co.uk/sounds/brand/b00snr0w>

To get more information about what Physics is about at a higher level, you may also want to look into subscribing to or visiting some of the following:

- New Scientist - a full colour magazine, the content of which is usually very topical and at the cutting edge of Science.
- Physics review – a full colour magazine for post 16 physicists
- [Http://www.bbc.co.uk/bitesize/higher/physics](http://www.bbc.co.uk/bitesize/higher/physics) - simple yet effective – easy animations.
- www.antonine-education.co.uk/ excellent notes and tutorials
- http://www.cyberphysics.co.uk/key_stage/KS5.htm
- <http://www.schoolphysics.co.uk/age16-19>
- <http://www.youtube.com/user/DrPhysicsA/featured> Lots of in depth videos made specifically for a level students.
- <http://phet.colorado.edu/en/simulations/category/new> PhET - PhET provides fun, interactive, research-based simulations of physical phenomena. - enables students to make connections between real-life phenomena and the underlying science, deepening their understanding and appreciation of the physical world.
- <http://www.iop.org/>
- <http://www.particleadventure.org/>