Websites with free learning courses that cover a wide range of subjects that can support and enrich your A Level studies.

<https://www.open.edu/openlearn/>

<https://www.futurelearn.com/>

<https://www.mooc.org/>

**ART:**

Document your day by illustrating what you can see/how you are feeling or what you are thinking about.

Explore the galleries online: <https://link.i.tate.org.uk/u/gm.php?prm=GTjzwSekfp_767090190_1784343_178209>

**Computer Science:**

Create a programming journal/diary and learn a new programming language using some of the following sites.

<https://www.codecademy.com/>

<https://www.khanacademy.org/>

<https://m.youtube.com/>( you will find tutorials on YouTube for most languages you want to learn)

- **Write an article on the following issues:**

A web development company want to be more environmental friendly. How can they do this? What advice would you give? How will this affect the business/stakeholder/customers?

A company want to use the cloud to store all of their files. How do you recommend they move from servers to cloud? How will this impact staff and the business as a whole?

**English:**

<https://www.futurelearn.com/courses/robert-burns>

<https://www.futurelearn.com/courses/jane-austen>

<https://www.futurelearn.com/courses/how-to-read-a-novel>

<https://www.futurelearn.com/courses/start-writing-fiction>

<https://www.futurelearn.com/courses/explore-english-language-culture>

<https://www.futurelearn.com/courses/english-for-study-intermediate>

<https://www.futurelearn.com/courses/english-for-study>

Maybe we could suggest that they read another novel/play/poem by the set authors/playwrites or poets?

**Geography:**

An introduction to Emergency Planning and Preparedness: <https://www.futurelearn.com/courses/emergency-planning-preparedness>

Community Preparedness, Recovery and Resilience: An Introduction: <https://www.futurelearn.com/courses/community-preparedness-recovery-resilience>

The Challenge of Global Water Security <https://www.futurelearn.com/courses/global-water-security>

**History:**

Tudors: <https://www.futurelearn.com/courses/the-tudors>

Russia: <https://www.coursera.org/learn/stalinism>

Early Modern Witchcraft (yr13 coursework unit): <https://www.nationalarchives.gov.uk/education/resources/early-modern-witch-trials/>

US civil rights (yr13 exam topic): <https://www.coursera.org/learn/nonviolence>

Or: Select an individual that has appeared within your A Level studies to date. Complete further research on the individual and write a mini biography/factfile about them or create 'Top Trumps' cards for key individuals within a topic, to rate their relative significance

Or: Read a page of history each day with this free book on Amazon: <https://www.amazon.co.uk/s?k=366+days&crid=DSFLCPWBXSNX&sprefix=366+%2Caps%2C151&ref=nb_sb_ss_i_3_4>

Challenge: Essay Competition:

<http://www.schoolshistoryproject.co.uk/schools-history-project-essay-competition-in-association-with-professor-peter-frankopan-and-no-more-marking/>

**Maths:**

         Do the “review exercise” of the first two chapters in their Pure Maths Textbook and then do the next two next week etc.

         Do the “review exercise” of a directed chapter in the Statistics Textbook, as well as a directed exercise from the Mechanics Textbook.

         In addition, I have included a link to Pure powerpoints which follow the chapters closely and have their own questions to attempt.

<https://www.futurelearn.com/courses/recreational-math> - 2 hours per week

<https://www.futurelearn.com/courses/advanced-precalculus> - 5 hours per week

<https://www.futurelearn.com/courses/maths-puzzles> - 4 hours per week

**MFL**

        Watch youtube videos in the language on youtube.fr, youtube.de or youtube.es

        Watch films in the language on Netflix

        Rewatch your set film and reread the set book

        Research the topics you’ve covered so you have specific facts for the speaking cards

        Pair up with someone in the group and arrange a time to have a “virtual” chat in the language

**Politics: Wider Reading**

**US Civil Rights:**

Harper Lee – To Kill a Mockingbird

Go Set a Watchman

Kathryn Stockett – The Help

Alice Walker – The Colour Purple

**Anarchism:**

Mikhail Bukanin – God and the State

Emma Goldman – Living My Life

Peter Kropotkin – Fields, Factories and Workshops

Pierre-Joseph Proudhon – What is Property?

Max Stirner – The Ego and His Own

**Socialism**

Anthony Crosland – The Future of Socialism

Anthony Giddens – The Third Way: the Renewal of Social Democracy

Rosa Luxemburg – Reform or Revolution?

Karl Marx/Freidrich Engles – Communist Manifesto

Karl Marx – das Kapital

**Liberalism:**

Betty Friedan – The Feminine Mystique

John Locke – Two Treatises of Government

John Stuart Mill – On Liberty

John Rawls – A Theory of Justice

Mary Wollstonecraft – A Vindication of the Rights of Woman

**Conservatism:**

Edmund Burke – Reflections on the Revolution in France

Thomas Hobbes – Leviathan

Robert Nozick – Anarchy, State and Utopia

Michael Oakeshott – On Being Conservative

Ayn Rand – Atlas

Virtue of Selfishness

Andrew Marr – The Making of Modern Britain

**Films:**

**US Civil Rights**

12 Years a Slave

Lincoln

Malcolm X

Marshall

Selma

**Gun Rights:**

Bowling for Columbine

**Elections:**

Frost/Nixon

**UK**

Suffragette

Pride

**Psych related wider reading**

**Fiction**

\*The Curious Incident of the Dog in the Nighttime - Mark Haddon

\*The Shock of the Fall - Nathan Filer

\*We are all Completely Beside Ourselves - Karen Joy Fowler

\*I Know This Much Is True - Wally Lamb

\*She's Come Undone - Wally Lamb

\*We Need to Talk About Kevin - Lionel Shriver

\*Veronika Decides to Die - Paulo Coelho

A Scanner Darkly - Philip K Dick

\*Atonement - Ian McEwan

\*The Bell Jar - Sylvia Plath

\*The Catcher in the Rye - JD Salinger

\*One Flew over the Cuckoo's Nest - Ken Kesey

Too Bright to Hear, Too Loud to See - Julian Garey

\*The Wasp Factory - Iain Banks

\*Tender is the Night - F Scott Fitzgerald

Girl, Interrupted - Susanna Kaysen

\*Woman on the Edge of Time – Marge Piercy

\*Alias Grace – Margaret Attwood

**Non-fiction**

How we Feel - Giovanni Frazzetto's

The Examined Life - Stephen Grosz's

\*'Welcome, Silence' My Triumph Over Schizophrenia - Carol North MD

\*‘Wasted’ A recovery from Anorexia and Bulimia - Marya Hornbacher

\*Outliers - Malcolm Gladwell

\*The Human Mind - Robert Winstone

\*The Chimp Paradox - Dr Steve Peters

\*Blink – Malcolm Gladwell

1. ***The Tell-Tale Brain:*** Unlocking the Mystery of Human Nature: Tales of the Unexpected from Inside Your Mind by V. S. Ramachandran.
2. ***Pleasure: How Our Brains Make Junk Food, Exercise, Marijuana, Generosity, and Gambling Feel So Good.*** David Linden.
3. ***Opening Skinner's Box***. Lauren Slater. A collection of short stories about famous psychology studies.
4. ***Bad Science.*** Ben Goldacre. How to conduct research properly.
5. ***The Rough Guide to Psychology***. Christian Jarrett.
6. ***Elephants on Acid***. Alex Boese. Really interesting experiments in psychology and biology.

# ***Great Myths of the Brain (Great Myths of Psychology).*** Christian Jarrett.

1. ***The Man who mistook his wife for a hat.*** Oliver Sacks.Interesting case studies of brain damaged patients.
2. ***Seeing voices***. Oliver Sacks.
3. ***Phantoms in the brain***. V. S. Ramachandran.
4. ***The Luck Factor: The Scientific Study of the Lucky Mind***. Richard Wiseman.
5. ***Quirkology: The Curious Science of Everyday Lives***: Richard Wiseman. A collection of weird and wonderful psychology stories.
6. ***Obedience to authority: An experimental view***. Stanley Milgram.
7. ***Yes! 50 Secrets from the Science of Persuasion***. Goldstein.
8. ***Jigsaw Man***. Paul Britton.
9. ***Picking up the pieces***. Paul Britton.
10. ***The private life of the brain***. Susan Greenfield.
11. ***The psychopath test***. Jon Ronson. A journalist’s investigation into what makes someone a psychopath.
12. ***The Men who stare at goats***. Jon Ronson.
13. ***Behind the Shock Machine: the untold story of the notorious Milgram psychology experiments***. Gina Perry (revisiting Milgram's original study and participants). The real story behind the Milgram obedience research.
14. ***The man who shocked the world.*** Thomas Blass. A biography of Stanley Milgram.
15. ***I think you’ll find it’s a bit more complicated than that.*** Ben Goldacre. A collection of articles about how research should be conducted correctly.
16. ***Nightschool.*** Richard Wiseman. Sleep - biopsychology.
17. ***Patient H.M.*** Luke Dittrich. The most famous case study in psychology.
18. ***Shrinks.*** Jeffrey A. Lieberman. The history of mental health treatment.
19. ***Tell me I’m here.*** Anne Deveson. True story of a mother whose son has schizophrenia.
20. ***The Curious Incident of the Dog in the Nighttime.*** A story written from the POV of a boy with autism.
21. ***The Bigamist.*** The true story of a woman’s life as a psychopath.
22. ***The brain that changes itself.*** Norman Doidge. How our brains are plastic and can physically change throughout our lives.
23. ***The Brain. The Story of You.*** David Eagleman. How the brain influences our behaviour.
24. ***The Lucifer Effect.*** Philip Zimbardo. The Stanford Prison experiment.
25. ***The Man who Couldn’t Stop.*** David Adam. The history of OCD told from the perspective of someone with the disorder
26. ***The Memory Illusion.*** Dr Julia Shaw. Problems with memory, particularly eyewitness testimony.
27. ***The Skeleton Cupboard.*** Tanya Byron. A collection of stories from the early career of a clinical psychologist
28. ***Trick or treatment.*** Simon Singh. Bogus science and how to detect it.
29. ***Forever Today.*** Deborah Wearing. Written by the wife of a man with amnesia.
30. ***Bad Pharmacy.*** Ben Goldacre. How pharmaceutical companies employ sneaky techniques to make their drugs look better than they are.

**Science:**

Sites and associated publications which should engage and widen your educational, social and environmental skills and experiences. Although Science based these resources can be open to anyone.  Obviously the COVI 19 is getting a lot of press.

All the resources are freely available but membership to some often brings benefits.  They all have reduced fees for students in Education.

**Biology (Royal Society of Biology)**

1.       <https://www.rsb.org.uk/>

Click on Education.  This page contains a lot great resources.  Of note are the publications “The Biologist” lots of good articles.  For the more adventurous then I would direct you to the “Bioscience Journals”.  The button for these is towards the bottom left hand side of the page.

**Chemistry (Royal Society of Chemistry)**

1.       <https://www.rsc.org/>

Click on Teaching and Learning, scroll down to Resources.  If you click on this you access an Aladdin’s cave of loveliness!!!  But if you go back to Teaching and Learning then is it a gift that keeps giving for you can click on “Education in Chemistry”.  I will leave it up to you to enjoy all that is Chemistry.  I can’t “Mendeleev it” was so easy to navigate this site

**Physic (Institute of Physics)**

1.       <http://www.iop.org/>

Click on Resources – and the world of Physics opens up! Find time to explore all the boxes.  Of particular note is “Qubit” – really well written informative article on physics (don’t be put off –explore and see the Universe in a totally different light).  And as if it couldn’t get better, it does!!! it even has its own dedicated You tube channel.  Need I say anymore.  Physicists of the World collide let us “Hadron” into the future.

**Geology (The Geological Society)**

1.       <https://www.geolsoc.org.uk/>

Click on Education and Careers. Within these pages are truly Tectonic amounts of resources from KS2 up to University level.  Of particular note are the free colour fact sheets.  PS don’t read the one on Earthquakes if you visit California!!!!  All the red boxes are worth the time to get your little rock hammer out and chip away to reveal some real gems

**Business**

<https://www.futurelearn.com/subjects/business-and-management-courses>

<https://www.futurelearn.com/courses/starting-a-business-5>

<https://www.futurelearn.com/courses/understanding-fashion-from-business-to-culture>

<https://www.futurelearn.com/courses/fundamentals-of-project-planning-and-management>

<https://www.futurelearn.com/courses/customer-insight>

<https://www.futurelearn.com/courses/well-being-and-welfare-at-work>

<https://www.futurelearn.com/courses/covid19-novel-coronavirus>

Documentaries:

Food that built the world – History Channel

Dirty Money – Netfix

The Defiant ones – Netflix

\*These documentaries are both controversial and insightful. Your challenge would be to pick one of the many areas of Business covered and write a question that you could answer in an essay…then answer it!

**Purple Cow: Transform Your Business by Being Remarkable**– **Seth Godin**

**The Lean Star tup: How Today’s Entrepreneurs Use Continuous Innovation to Create Radically Successful Businesses – Eric Ries**

**One Minute Manager – Kenneth Blanchard**

**Think and Grow Rich – Napolean Hill**

**Focal Point – Brian Tracy**

**Rich Dad Poor Dad – Robert Kiyosaki and Sharon Lechter**

**The 4 Hour Work Week – Tim Ferris**

**Business Adventures – John Brooks**

**Magic of Thinking Big – David Shwartz**

**Philosophy of Management and Sustainability: Rethinking Business Ethics and Social Responsibility in Sustainable Development - Jacob Dahl Rendtorff**