The Super-curriculum

This document is designed to help you expand your knowledge and passion for your A-Level subjects beyond the standard curriculum. Inside, you will find a curated list of suggested books, films, videos, podcasts, and other resources for each subject we offer at A-Level. These activities are intended to deepen your understanding, broaden your perspectives, and enhance your overall educational experience.

How to Use This Guide:

Explore and Engage: Dive into the recommended resources to discover new and exciting aspects of your subjects. These suggestions are meant to ignite your curiosity and foster a greater appreciation for the material you are studying.

Log Your Activities: After completing an activity, be sure to log it in the Activity section of Unifrog or upload it to your Locker. This not only helps you keep track of your learning journey but also strengthens your applications for universities, apprenticeships, or employment.

Share and Celebrate: Inform your subject teachers about the activities you have completed. They can log your achievements on Class Charts, ensuring your efforts are recognised and celebrated.

The links and ideas provided are suggestions to get you started. They are not exhaustive, and we encourage you to pursue any other resources or activities that capture your interest. Your learning journey is unique, and we support your initiative to explore beyond these recommendations.

Enjoy your exploration and the enriching experiences that come with diving deeper into your subjects!



Art and Design

Read

- The Shock of the New: Art and the Century of Change by Robert Hughes
- The Story of Art by E. H. Gombrich
- Ways of Seeing by John Berger
- On Photography by Susan Sontag
- Camera Lucida: Reflections on Photography by Roland Barthes
- Street Photography by Brian Lloyd Duckett
- The World Atlas of Street Art by Rafael Schacter
- The History of Graphic Design by Jens Müller
- Book of Ideas a journal of creative direction and graphic design volume 1 by Radim Malinic
- Book of Branding a guide to creating brand identity for startups and beyond by Radim Malinic

Watch

- Frida (2002) A biography of artist Frida Kahlo, who channelled the pain of a crippling injury and her tempestuous marriage into her work.
- Pollock (2000) A film about the life and career of the American painter, Jackson Pollock.
- Basquiat (1996) The brief life of Jean Michel Basquiat, a world-renowned New York Street artist struggling with fame, drugs and his identity.
- Modigliani (2004) The story of Amedeo Modigliani's bitter rivalry with Pablo Picasso, and his tragic romance with Jeanne Hebuterne.
- My Left Foot (1989) Christy Brown, born with cerebral palsy, learns to paint and write with his only controllable limb his left foot.
- Lust for Life (1956) The life of brilliant but tortured artist Vincent van Gogh.
- The South Bank Show.
- Portrait Artist Of The Year
- Grayson's Art Club
- Francis Bacon: A Brush With Violence (2017)
- Mr Turner (2014)
- Maudie (2016)
- Boom For Real: The Late Teenage Years Of Jean-Michel Basquiat (2018)
- Sky Ladder: The Art Of Cai Guo-Qiang (2016)
- Loving Vincent (2017)
- Peggy Guggenheim: Art Addict (2015)
- L. S. Lowry The Industrial Artist (1973)
- The Great Pottery Throw Down
- The Great British Sewing Bee

Listen

- ArtCurious
- The Art Newspaper Podcast
- VantagePoint Radio
- The Great Women Artists Podcast

- David Zwirner Podcasts
- Art Biz Podcast
- The Savvy Painter
- The Inspiration Place
- The Modern art Notes Podcast
- Creative Pep Talk Podcast

Compete

• Rotary Club And Young Photographer of the Year Competition.

Online

- Pinterest
- WikiArt
- Print and pattern
- Artsy
- Dafont
- Instagram

Visit

- Leeds city Art gallery
- LAU end of year degree show
- Cartwright Hall
- Manchester City Art gallery
- Whitworth Art gallery
- Business design centre London
- Salts Mill
- Yorkshire sculpture Park
- Harrogate International Centre
- Tate Modern London
- National Gallery London
- Royal Academy London

Biology

Read

- This is Going to Hurt Adam Kay
- The Origin of the Species Charles Darwin
- The Immortal life of Henrietta Lacks Rebecca Skloot
- The Selfish Gene Richard Dawkins

Watch

- TED talks: Ideas about Biology (ted.com)
- BBC biology videos: <u>Biology BBC News</u>
- Miss Estruch: Miss Estruch YouTube
- Snap revise: <u>SnapRevise YouTube</u>

Listen

- Top 12 Biology Podcasts: <u>12 of the best: Podcasts for Biologists (rsb.org.uk)</u>
- Seneca podcasts: Biology A Level Podcasts by Seneca (senecalearning.com)

Compete

- Intermediate Biology Olympiad Intermediate Biology Olympiad UKBC
- British Biology Olympiad <u>British Biology Olympiad UKBC</u>
- Biology Challenge <u>Biology Challenge UKBC</u>

- Miss Estruch: Miss Estruch Biology Biology teacher, tutor and study skills expert.
- Physics and maths tutor: <u>Biology Revision PMT (physicsandmathstutor.com)</u>
- Seneca learning: <u>Free Homework & Revision for A Level, GCSE, KS3 & KS2</u> (senecalearning.com)
- Maths made easy: <u>A Level Biology Revision | Biology Worksheets | Past Papers</u> (mmerevise.co.uk)
- Uplearn: <u>Up Learn</u>

Business

Read

- Twelve and a Half Gary Vaynerchuk
- How I Made It: 40 Successful Entrepreneurs Reveal How They Made Millions Rachel Bridge
- The Tipping Point: How Little Things Can Make a Big Difference Malcolm Gladwell
- The Google Story David A. Vise
- The Toyota Way: 14 Management Principles from the World's Greatest Manufacturer Jeffrey Liker
- Billions of Entrepreneurs: How China and India Are Reshaping Their Futures and Yours Tarun Khanna
- Sun Tzu The Art of War for Managers: 50 Strategic Rules Updated for Today's Business Gerald A. Michaelson
- The Intelligent Investor Benjamin Graham

Watch

- Dark Waters Business Ethics V Profits
- Deep Water Horizon Business Ethics V Profits
- The Founder MacDonalds franchise

Listen

- BBC Sounds Understanding the Economy
- The Today programme Radio 4

- The Economist | Independent journalism
- <u>https://www.bbc.co.uk/news/business</u>
- <u>https://www.res.org.uk/education/young-economist-of-the-year.html</u>
- <u>https://www.bbc.co.uk/programmes/p04b1g3c</u>
- <u>https://freakonomics.com/</u>
- <u>https://www.imf.org/en/home</u>
- https://iea.org.uk/
- <u>https://economistfoundation.org/</u>
- <u>https://marshallsociety.com/</u>
- <u>https://www.economist.com/</u>
- <u>https://www.earnandinvest.com/</u>
- <u>https://www.tutor2u.net/</u>
- Livestreams | Business | tutor2u
- Edexcel A level Business Questions YouTube
- Theme 4 Edexcel A level Business YouTube
- Theme 3 Edexcel A level Business YouTube
- Theme 2 Edexcel A level Business YouTube
- Theme 1 Edexcel A level Business YouTube
- <u>A Level Business | Takingthebiz</u>

Chemistry

Read

- The Disappearing Spoon and Other Extraordinary True Tales from the Periodic Table Sam Kean
- Chemistry for Breakfast: The Amazing Science of Everyday Life Mai Thi Nguyen-Kim
- Periodic Tales: The Curious Lives of the Elements Hugh Aldersey-Williams
- The Periodic Table Primo Levi
- Grunt: The curious science of humans at war Mary Roach

Watch

- Chemistry: A Volatile History <u>BBC Four Chemistry: A Volatile History Episode guide</u>
- Periodic Table of the Elements <u>The Periodic Table of Videos University of Nottingham</u> (periodicvideos.com)
- TED Talks: Ideas about Chemistry (ted.com)

Listen

- Chemistry for your life <u>Chemistry For Your Life (transistor.fm)</u>
- Chemistry in its elements Periodic Table: Podcast (rsc.org)

Compete

- UK Chemistry Olympiad (Jan Year 13) UK Chemistry Olympiad | RSC Education
- Cambridge Chemistry Challenge Lower Sixth (June Year 12) Cambridge Chemistry Challenge
- School's Analyst (June Year 12) Schools' Analyst | RSC Education

- Royal Society of Chemistry: <u>Support for students | RSC Education</u>
- MaChemGuy: <u>https://www.youtube.com/user/MaChemGuy</u>
- Chemguide: <u>http://chemguide.co.uk/</u>
- New Scientist: <u>https://www.newscientist.com/article-topic/chemistry/</u>
- Compound Chem: <u>Compound Interest Explorations of everyday chemical compounds</u>
- Unifrog: <u>Chemistry : Subjects library</u>

Computer Science

Read

- New Turing Omnibus <u>https://www.amazon.co.uk/New-Turing-Omnibus-K-</u> Dewdney/dp/0805071660
- The Emperor's New Mind <u>https://www.amazon.co.uk/Emperors-New-Mind-Concerning-</u> <u>Computers/dp/0192861980</u>
- The Code Book <u>https://www.amazon.co.uk/Code-Book-Secret-History-Code-breaking/dp/1857028899/</u>

Watch

- The Imitation Game
- The Social Network
- AI Artificial Intelligence
- Ethics in the age of Al https://www3.nhk.or.jp/nhkworld/en/tv/directtalk/20200319/2058617/

Listen

University of Oxford Computer Science https://podcasts.ox.ac.uk/series/computer-science

Compete

- Bebras <u>https://www.bebras.uk/</u>
- OUCC Round Two

- Computerphile https://www.youtube.com/user/computerphile/videos
- Project Euler <u>https://projecteuler.net/</u>
- Isaac Computer Science <u>https://isaaccomputerscience.org/</u>
- https://www3.nhk.or.jp/nhkworld/en/tv/directtalk/20200319/2058617/
- <u>https://www.olympiad.org.uk/</u>
- <u>https://www.cipherchallenge.org/</u>
- <u>https://github.com/</u>
- <u>https://microbit.org/</u>
- https://www.chch.ox.ac.uk/admissions/python-challenges-page
- <u>https://www.raspberrypi.org/</u>

Criminology

Read

- Napier Press Criminology Books 1 and 2 (available online or as hard copies via school)
- Illuminate Publishing Level 3 Criminology (textbook available via school)
- 50 Facts Everyone Should Know about Crime & Punishment: The Truth Behind The Myths (Treadwell & Lynes, 2019)
- Terrorism: All That Matters (Andrew Silke, 2014)
- Policing the Crisis (Hall et al, 1978)
- An introduction to Crime and Criminology (EBOOK) The Open University (2023)
- Criminology (Tim Newburn, 2017)

Listen

- The Sociology Show: <u>https://www.spreaker.com/show/the-sociology-show</u> (often has criminological topics that can support understanding and promote debates pertinent to this subject)
- <u>After Grenfell</u>, Pluto Press (available from iTunes) A podcast that looks at the story of the Grenfell tragedy, the strength of those who survived, and the resistance and solidarity of the local community, in their search for accountability, and meaningful justice.
- <u>Caliphate</u> podcast (available online via The New York Times) An audio series following Rukmini Callimachi as she reports on the Islamic State and the fall of Mosul. An interesting listen for those interested in studying terrorism or extremism.
- <u>Cressida Dick</u> Interviewed on Desert Island Discs, Feb 2019 (available on BBC Sounds) The Commissioner of The Metropolitan Police talks about the challenges of policing.
- <u>Serial Killers</u> Episode on Thinking Allowed, Radio 4, October 2019 (available on BBC Sounds) The media and cultural response to these crimes, from the Moors Murderers to Peter Sutcliffe, the Yorkshire Ripper.
- <u>Swansea Cyber Law and Security podcast</u> (available from iTunes) Find out all about current issues in cyber law and security with this podcast presented by School of Law academics, Dr Patrick Bishop and Sara Correia.

Online

- <u>https://www.tutor2u.net/</u>
- British Society of Criminology (britsoccrim.org)
- <u>Napier Press Criminology | Criminology Students</u>

Work Experience

<u>Bird & Bird Commercial Law - Forage (theforage.com)</u>

Drama

Read

- An Actor Prepares Konstantine Stanislavski
- An Actors Handbook Konstantine Stanislavski
- The complete Brecht Toolkit Stephen Unwin
- Brecht on Theatre Bertlot Brecht
- The Frantic Assembly book of devising Frantic Assembly
- Artaud Theatre and its double
- Stanislavski and the Actor by Jean Benidetti
- Brecht on Theatre by J Willietts Meyhold

Compete

- Acting Monologue Slam competition (supported by, featuring and in association with RADA and BAFTA) <u>https://slam.markjermin.co.uk</u>
- University of Oxford Creative Writing Competition
 <u>https://www.classics.ox.ac.uk/article/creative-writing-competition-2023</u>

- Paper birds https://www.thepaperbirds.com/
- Frantic Assembly <u>https://www.franticassembly.co.uk/</u>
- Complicite <u>www.complicite.org/</u>
- Punchdrunk <u>https://www.punchdrunkenrichment.org.uk/</u>
- Kneehigh <u>www.kneehigh.co.uk</u>
- <u>www.lainfisher.com/berkoff</u>
- <u>www.masterclass.com</u>
- <u>www.nationaltheatre.org.uk</u>

Economics

Read

- The Undercover Economist by Tim Harford
- The Wealth of Nations by Adam Smith
- Twelve and a Half Gary Vaynerchuk
- How I Made It: 40 Successful Entrepreneurs Reveal How They Made Millions Rachel Bridge
- The Tipping Point: How Little Things Can Make a Big Difference Malcolm Gladwell
- The Google Story David A. Vise
- The Toyota Way: 14 Management Principles from the World's Greatest Manufacturer Jeffrey Liker
- Billions of Entrepreneurs: How China and India Are Reshaping Their Futures and Yours Tarun Khanna
- Sun Tzu The Art of War for Managers: 50 Strategic Rules Updated for Today's Business Gerald A. Michaelson
- The Intelligent Investor Benjamin Graham

Watch

- The Inside Job
- Margin call
- The Big Short

Listen

- BBC Sounds Understanding the Economy
- BBC Sounds Pop up Economics by Tim Harford (Radio 4)
- BBC Sounds The story of Economics by Michael Blastland

Compete

• Bank Of England Target Two Point Zero

- <u>https://www.tutor2u.net/</u>
- YouTube: AC/DC Economics
- YouTube: EconPlusDal

English Language

Read

- Language Development by Rachel Rudman
- Language Change by Ian Cushing
- Language Diversity and World Englishes by Dan Clayton and Rob Drummond
- Attitudes to Language by Dan Clayton
- Language and Gender by Felicity Titjen
- Language and Power by Gary Ives and Raj Rana
- Text Analysis and Representation by Ian Cushing

Watch

- 'The Kings Speech' 2010
- Genie: Secret of the Wild Child <u>https://www.dailymotion.com/video/x3i5x05</u>
- The Adventure of English Documentary series available on YouTube

Listen

- The Reith Lectures https://www.bbc.co.uk/sounds/series/p00gmvwx
- The Lexis Podcast <u>https://www.listennotes.com/podcasts/lexis-lexispodcast-JcOIA_BbH-r/</u>
- The Language of Others Radio 4 <u>https://www.bbc.co.uk/programmes/b08k1stz</u>

Compete

- BBC Young Writers Award
- The Author of Tomorrow

- 'About Words' https://dictionaryblog.cambridge.org/category/new-words/
- 'The Definite Article', Dan Clayton et al <u>https://thedefinitearticle.aqa.org.uk/about-the-definite-article/</u>

English Literature

Read

- All Quiet on the Western Front, Erich Maria Remarque
- Oh What a Lovely War, Joan Littlewood
- Regeneration, Pat Barker
- The Life Class Trilogy, Pat Barker
- Farewell to Arms, Ernest Hemingway
- The Great War and Modern Memory, Paul Fussell
- Heroes' Twilight, Bernard Bergonzi
- Testament of Youth, Vera Brittain
- Shakespeare's Sonnets
- Great Gatsby, F. Scott Fitzgerald
- Pride and Prejudice, Jane Austen
- Dracula, Bram Stoker
- Frankenstein, Mary Shelly
- Macbeth, Shakespeare
- As You Like It, Shakespeare

Watch

- 'Black Adder Goes Forth'
- 'Testament of Youth' 2014
- 'Journey's End' 2014
- 'All Quiet on the Western Front' 2022
- 'Othello', 1995
- 'The Apartment', 1960

Listen

- Pat Barker on 'Open Book' https://www.bbc.co.uk/sounds/play/b067xcy8
- In Our Time- Wilfred Owen https://www.bbc.co.uk/programmes/m001df48
- WW1 'The Cultural Front' <u>World War One: The Cultural Front Series 4 Reality and</u> <u>Reconstruction - BBC Sounds</u>
- Debutful Podcast about new literature <u>https://podcasts.apple.com/us/podcast/debutiful/id1490046203?at=11IDJ&ct=1525087X38c</u> <u>bbd0778f0837e8bb7ad3737c0e720</u>

Compete

- The National Poetry Competition
- St Hugh's College Essay Competition

- Propaganda https://www.bl.uk/world-war-one/articles/patriotism-and-nationalism
- Mental Health <u>https://encyclopedia.1914-1918-online.net/pdf/1914-1918-Online-</u> war_psychiatry_and_shell_shock-2019-12-11-V2.0.pdf

- Medical Treatment <u>https://www.iwm.org.uk/history/a-short-guide-to-medical-services-</u> <u>during-the-first-world-war</u>
- Gender <u>Changing lives: gender expectations and roles during and after World War One | The</u> <u>British Library (bl.uk)</u>
- Life as a Soldier Life as a soldier | The British Library (bl.uk)

French

Read

- Antigone Jean Anouilh (1944)
- Le silence de la mer Vercors (1942)
- Boule de Suif et autres contes de guerre Guy de Maupassant (1880)
- No et moi Delphine de Vigan (2007)
- Une année chez les Français Fouad Laroui (2010)

Watch

- Lupin Netflix series
- La Haine Mathieu Kassowitz (1995)
- Au Revoir les enfants Louis Malle (1987)
- La Rafle Roselyne Bosch (2010)
- Suite française Saul Dibb (2015)
- Monsieur Batignole Gérard Jugnot (2002)
- Intouchables Eric Toledano, Olivier Nakache (2011)
- Le Grand Voyage Ismaël Ferroukhi (2004)

Listen

- Etranger BBC Radio 3 Arts & Ideas, What Camus and Claude Lévi-Strauss teach us
- Etranger <u>BBC Radio 4 In Our Time, Camus</u>
- Camus existentialism <u>Albert Camus | The Stranger | Existentialist Philosophy & Literature</u>
- Camus absurd ALBERT CAMUS L'absurde
- French radio stations | Listen live & for free

Compete

- Stephen Spender Poetry Competition May 2023 (Y12/13)
- Lancaster Essay Writing Competition February each year (Y12/13)
- French Flash Fiction March each year (Y12/13)
- Anthea Bell Translation Competition April each year (Y12/13)

- www.zut.org.uk
- <u>News in Slow French French Podcast</u>
- <u>Accueil 1jour1actu.com</u>
- <u>www.languagesonline.org.uk</u>
- Tex's French Grammar (utexas.edu)

Geography

Read

- Prisoners of Geography by Tim Marshall
- FactFullness by Hans Rosling
- The World is Flat by Thomas Friedman
- The Lexus and the Olive Tree by Thomas Friedman
- Dead Aid by Dambisa Moyo
- The Almighty Dollar by Dharshini David
- 50 things that made the modern economy by Tim Harford
- Inequality and the 1% by Danny Dorling
- Population 9 Billion by Danny Dorling Divided: Why We're Living in an Age of Walls by Tim Marshall
- Plate Tectonics Stewart, Iain (22 March 2018)
- Gaia: A New Look at Life on Earth by James Lovelock
- Coastal Systems by Simon Haslett
- The Holocene: An Environmental History by Neil Roberts
- Living Earth: Outline of the Geology of Iceland by Ari Trausti Guðmundsson
- Eruptions that shook the world by Clive Oppenheimer
- Let There Be Water : Israel's Solution for a Water-Starved World by Sth M. Siegel
- The shock of the Anthropocene by Christophe Bonneuil and Fressoz

Watch

- The Impossible 2012 Film on the 2004 Indian Ocean Tsunami
- Slumdog Millionaire 2008 Film set in the slums of Mumbai.
- The Corporation 2003 Film about the growth and dominance of corporations.
- An Inconvenient Truth 2006 Film which made a big impact on understanding of climate change
- Volcano- 1997 film
- War machine-2017 film
- Kiss the ground -2020 film
- Once upon a time in Iraq- BBC iPlayer
- Our Planet- David Attenborough
- Climate change the facts- David Attenborough
- Country File -BBC 1 Sunday evening

Listen

<u>https://geographical.co.uk/reviews/films/item/2977-ted-talks</u>

Compete

- Young Geographer of the year- <u>Royal Geographical Society Young Geographer of the Year</u> (<u>rgs.org</u>)
- David W. Smith Memorial award- <u>Royal Geographical Society David W. Smith Memorial</u> <u>Award (rgs.org)</u>

- Ron Cooke award- (Fieldwork)- Royal Geographical Society Ron Cooke Award (rgs.org)
- School Essay competition- Royal Geographical Society School Essay Competition (rgs.org)

- Geographical The official Magazine of the Royal Geographical Society. View articles for free online or take out a subscription. <u>https://geographical.co.uk/</u>
- Geography Review: Aimed at A Level Geography students. You can take out an online or paper subscription. You can take out a FREE 7 day trial of the online version so essentially you can read the latest copy for free! https://www.hoddereducation.co.uk/subjects/geography/products/16-18/ Geographyreview-emagazine-volume-33,-2019-20
- National Geographic Energy Resource Library: The National Geographic website and magazine are too varied to be helpful really but this fantastic website of theirs is a collation of all of their 'Energy' related stories. Have a rummage. <u>https://www.nationalgeographic.org/topics/energy/?q=&page=1&per_page=25</u>
- Geography is the Geographical Association's international journal for lecturers, teachers and students in post-16 geography. https://www.geography.org.uk/Journals/Geography

History

Read

- John Guy Tudor England
- Orlando Figes A People's Tragedy
- Richard Evans In Defence of History
- Margaret MacMillan The Uses and Abuses of History
- Suzanna Lipscomb and Helen Carr What is History now?

Watch

• TEDtalks: Why History Matters and other talks about a range of topics available here

Listen

See podcasts in Proactive work sections of your home learning booklets. Podcasts on a range of topics available at:

- <u>History Today</u>
- BBC History Extra
- <u>History Hit</u>

Compete

- Historical Association Young Historian Competition
- <u>Historical Association The Great Debate</u>
- Historical Association: Write Your Own Historical Fiction Competition

- <u>https://oyc.yale.edu/history/hist-251</u>
- <u>https://www.history.org.uk/podcasts</u>
- <u>https://www.bbc.co.uk/programmes/p01dh5yg</u>
- <u>https://www.historyhit.com/podcast/dan-snows-history-hit/</u>
- <u>https://www.youtube.com/channel/UC6TzmDK1G1bsCtdyTUxwZCA/videos</u>
- <u>https://www.gresham.ac.uk/lectures/?subject=history</u>
- <u>https://artsandculture.google.com/project/black-cultural-archives</u>
- <u>https://royalhistsoc.org/</u>
- <u>https://www.britishmuseum.org/</u>
- https://www.campop.geog.cam.ac.uk/research/projects/occupations/onlineatlas/
- <u>https://www.historyextra.com/</u>
- <u>https://www.historytoday.com</u>

Mathematics and Further Mathematics

Read

- Professor Stewart's Hoard of Mathematical Treasures Ian Stewart
- How Many Socks Make a Pair? Rob Eastaway
- Fermat's Last Theorem Simon Singh
- The Number Mysteries Marcus Du Sautoy
- Things to Make and do in the Fourth Dimension Matt Parker
- The Code Book Simon Singh
- How Not to be Wrong Jordan Ellenberg
- The Simpsons and their Mathematical Secrets by Simon Singh
- Humble Pi Matt Parker

Watch

- Queen of Katwe (PG)
- A Beautiful Mind (PG-13)
- The Man Who Knew Infinity (PG-13)
- The Imitation Game (12A)
- Good Will Hunting
- Numberphile <u>https://www.numberphile.com/</u>
- TED Talks Maths to Blow Your Mind https://www.ted.com/playlists/189/math_talks_to_blow_your_mind
- Oxford Mathematics <u>https://www.youtube.com/channel/UCLnGGRG_uGSPLBLzyhg8dQ/playlists</u>

Listen

• Radio 4 – In Our Time https://www.bbc.co.uk/programmes/p01gyd7j

Compete

• UKMT <u>https://www.ukmt.org.uk/</u>

Online

- Parallel by Simon Singh https://parallel.org.uk/
- NRICH <u>https://nrich.maths.org/</u>

Visit

- Leeds University online problem solving classes run by the Advanced Maths Support Programme (AMSP)
- Maths Inspiration (when on tour locally): <u>https://mathsinspiration.com/</u>
- Girls into STEM university day at Sheffield University (AMSP)
- STEP support classes (by request through AMSP)

Music

Watch

- Batman Returns- Set work for Film music
- Psycho- Set work for Film music
- Tiny Desk Concerts

Listen

- Radio 3 <u>https://www.bbc.co.uk/radio3</u>
- Gresham Lectures on Music Browse All | Gresham College
- In Our Time (Radio 4), Culture archive <u>BBC Radio 4 In Our Time, Culture</u>

Compete

- BBC Young Composers (Either the essay or composer competition)
- Compete in Beckfoot Young Musician (either as a soloist or in an ensemble)

Online

- <u>https://alexanderstreet.com/oml</u>
- https://www.mus.cam.ac.uk/applicants/undergraduate/student-resources
- <u>https://www.bl.uk/20th-century-music</u>
- <u>https://musicatcambridge.wordpress.com/</u>
- <u>https://www.gresham.ac.uk/lectures/?subject=music</u>
- <u>https://www.youtube.com/channel/UCOiKZ8U3pCkvZOaOOEHSjNw</u>
- https://www.bbc.co.uk/programmes/p02nrvd3/episodes/downloads

Get involved

- Must be involved in one or more of:
 - o Senior Band
 - o Senior Vocal Group
 - o Hand Chimes
 - Senior Rock Group
- Music theory club on Thursdays
- One to one music lessons (in or out of school)
- Volunteering opportunities in KS3 music classes and junior ensembles.

Join

• Musicians' union- <u>https://musiciansunion.org.uk/become-a-member/student</u>

Physics

Read

- The Elegant Universe: Brian Greene
- A Short History of Nearly Everything: Bill Bryson
- Why Does E=mc²? (And Why Should We Care?): Brian Cox and Jeff Forshaw
- QED: The Strange Theory of Light and Matter: Richard Feynman
- The Universe in a Nutshell: Stephen Hawking

Watch

- TED Talks Ideas about Physics Ideas about Physics (ted.com)
- Wonders of the Universe <u>BBC Two Wonders of the Universe</u>
- The Secrets of Quantum Physics <u>BBC Four The Secrets of Quantum Physics Episode guide</u>

Listen

- Physics World Weekly and Physics World Stories podcasts <u>Physics World Weekly Podcast</u> (blubrry.com) <u>Physics World Stories Podcast</u> (blubrry.com)
- Why this Universe podcast <u>Why This Universe? (buzzsprout.com)</u>
- Ask a Spaceman podcast Ask a Spaceman Paul M. Sutter (pmsutter.com)

Compete

• British Physics Olympiad - <u>Home | British Physics OlympiadAA (bpho.org.uk)</u>

- New Scientist <u>Physics news, articles and features | New Scientist</u>
- Physics World <u>Home Physics World</u>
- A-level Physics Online (videos and other resources) <u>A Level Physics Online</u>
- AlevelPhysics.co.uk (past papers and notes) <u>A-Level Physics Physics A-Level Resources for</u> <u>AQA, OCR and Edexcel (alevelphysics.co.uk)</u>
- Physics Required Practicals <u>Physics Practicals Malmesbury School</u>

Psychology

Read

- Classic case studies in Psychology by Geoff Rolls
- The Little Book of Psychology by Emily Ralls and Caroline Riggs
- The Lucifer Effect: Understanding How Good People Turn Evil by Philip Zimbardo
- Elephants on Acid: And Other Bizarre Experiments by Alex Boese
- The Man Who Mistook His Wife for a Hat Oliver Sacks
- Phantoms in the Brain V. S. Ramachandran
- The Frog Who Croaked Blue Jamie Ward (synaesthesia)
- Psych Review magazine: <u>Psychology Review Hodder Education Magazines</u>

Watch

- Rain Man
- The Stanford Prison Experiment
- Human Instinct Deepest Desires (youtube) an amusing exploration of the parental investment theory, with Robert Winston
- Brain Story (youtube) BBC documentary about neurological disorders including synaesthesia and Capgras delusion
- The Brain: A Secret History (vimeo) a channel 4 documentary similar to "Brain Story" but more recent, with Michael Moseley

Listen

- Radio 4 Mind Changers includes documentaries on Dora and Little Hans and a programme about systematic desensitisation
- Ramachandran Reith lectures a series of lectures loosely based on his book "Phantoms in the Brain"

Compete

• National psychology competition (royalholloway.ac.uk)

- <u>https://www.bbc.co.uk/programmes/b006qxx9/episodes/player</u>
- <u>https://www.gresham.ac.uk/watch/?subcat=psychology</u>
- https://www.nature.com/nathumbehav/

Religious Education

Read

- Plato, Republic Book
- Aquinas Summa Theologica I-II (93–95)
- Lewis, C.S. The Four Loves, William Collins, Chapter 6
- Pojman, L. Discovering Right and Wrong, Chapter 8
- Singer, P. Rethinking Life and Death: The Collapse of our Traditional Ethics, Chapter 7
- Rosemary Radford Reuther: Women and redemption
- <u>Richard Huxtable</u>: Euthanasia
- Introducing Ethics: A Graphic Guide: Dave Robinson
- <u>Christianity and Sexuality In the Early Modern World</u>: Hanks <u>Wiesner</u>
- The Confessions: Augustine

Watch

- DCT: Bonhoeffer: Agent of grace
- Business Ethics: Erin Brockovich
- The Good Place Netflix

Listen

- <u>www.thepanpsycast.com</u>
- <u>The Bonhoeffer Podcast on Apple Podcasts</u>
- <u>ALevelREpodcast on Apple Podcasts</u>
- <u>www.therepodcast.co.uk</u>
- <u>https://events.chester.ac.uk/trs23/</u>
- BBC Radio 4 In our Time series

Get involved

• Debate Club – Tuesday 3:00pm H4

- <u>www.philosophycat.org/ethics</u>
- <u>http://plato.stanford.edu/entries/plato/</u>
- <u>www.iep.utm.edu</u>

Sociology

Read

- Bauman, Zygmunt (2001) Thinking sociologically
- Beckett, Chris (2017) America City.
- Bhambra, Gurminder (2014) Connected sociologies.
- Clark, Daniel J. director (2018) Behind the Curve. Netflix.
- Collins, Patricia Hill (2000) Black feminist thought: Knowledge, consciousness and the politics of empowerment.
- Connell, R. W. (2009) Gender
- Eggers, Dave (2013) The Circle.
- Giddens, Anthony and Sutton, Phillip (2013). Sociology.
- Goldstone, Jack. ed. (1994) Revolutions: theoretical, comparative, and historical studies.
- Hochschild, Arlie (2016) Strangers in their own Land.
- Noble, Safiya Umoja and Tyne, Brendesha M. (2016) The intersectional internet: Race, sex, class and culture online.
- Sennett, Richard (2012) Together: The rituals, pleasures and politics of cooperation.
- Simon, David creator (2002-08) The Wire. [TV show] Smith, Anthony (2013) Nationalism.
- Surak, Kristin (2012) Making tea, Making Japan: Cultural nationalism in practice.
- Wilkinson, Richard and Pickett, Kate (2010) The spirit level: Why equality is better for everyone.
- Yuval-Davis, Nira (2011) The politics of belonging: Intersectional contestations.

Watch

- BBC iplayer range of Documentaries on crime and deviance
 <u>https://www.bbc.co.uk/iplayer/group/p06886ny</u>
- BBC iplayer -Panorama archive topical current affairs
 <u>https://www.bbc.co.uk/iplayer/episodes/b006t14n/panorama</u>
- Channel 4 Dispatches : topical current affairs https://www.channel4.com/collection/dispatches
- ITVX : Documentaries on a variety of sociological topics : <u>https://www.itv.com/watch/categories/factual</u>
- Channel 5 Crime documentaries: <u>https://www.channel5.com/browse/Documentaries/Crime</u>
- Range of documentaries arranged by topic: <u>https://www.hectic-teacher.co.uk/sociology-</u> <u>support/documentaries</u>

Listen

The Sociology Show: https://www.spreaker.com/show/the-sociology-show

- https://www.tutor2u.net/
- <u>http://simplypsychology.org/</u>
- <u>https://www.bps.org.uk/</u>