



St Mary's School
CAMBRIDGE

Academic Engagement

St Mary's Sixth Form
Cambridge



Contents

ART AND DESIGN	4
BUSINESS.....	8
CLASSICAL CIVILISATION	10
COMPUTER SCIENCE.....	12
DRAMA AND THEATRE STUDIES.....	13
ECONOMICS	21
ENGLISH	24
FOOD AND NUTRITION	28
FRENCH	30
GEOGRAPHY	33
GERMAN	36
HISTORY	38
LATIN.....	41
MATHEMATICS.....	43
MUSIC	46
POLITICS.....	51
PSYCHOLOGY.....	53
SCIENCES.....	60
SPANISH	65
TEXTILES.....	67
THEOLOGY.....	69

This booklet is intended to provide ideas and inspiration about how to really engage with the subjects you have chosen to study at A Level. It is not an exhaustive list and it is not expected that you do everything that is listed here. Choose areas and events which are of interest to you. What is important is that you think about your subjects beyond the syllabus and reflect on what you are learning and enjoying.

In addition to the information provided for each subject, the following resources and events will also be very useful.

- The Festival of Ideas: <http://www.festivalofideas.cam.ac.uk/>
- The Cambridge Science Festival: <http://www.sciencefestival.cam.ac.uk/>
- Cambridge University Public Events: <https://www.cam.ac.uk/public-engagement/public-events>
- Cambridge University Public Lectures: <http://talks.cam.ac.uk/show/index/5462>
- iTunes U: Free podcasts, video lectures, and reading recommendations. A range of resources are available from leading universities.
- <http://www.macworld.co.uk/feature/iosapps/everything-you-need-know-about-itunes-u-3505231/>
- Staircase 12: An online hub of resources created by University College, Oxford. The hub includes resources to help develop your interests, book reviews, and ideas of how to go beyond the school syllabus.
www.staircase12.org
- TED: Watch talks from experts from a variety of fields.
<https://www.ted.com/talks>
- MOOCs (Massive Open Online Courses): These online courses provide videos, reading lists and activities across a wide range of disciplines.
 - FutureLearn: www.futurelearn.com
 - EdX: www.edx.org
 - Coursera: www.coursera.org

ART AND DESIGN

READ

Books for Art and Photography

- Art of the Digital Age: Thames and Hudson
- Art Now: Taschen
- The Art Book: Phaidon
- The Story of Painting: Dorling Kindersley
- The Definitive Visual Guide: Dorling Kindersley
- At the Edge of Art: Thames and Hudson
- Shock Of The New: Robert Hughes

Magazines for Art and Photography

- Aesthetica
- Art monthly
- Apollo
- Amateur Photographer
- Aperture
- Click
- Digital Photo

ENGAGE & RESEARCH

- Abduzeedo: www.abduzeedo.com
- Aesthetica: <https://aestheticamagazine.com/>
- The Artchive: www.artchive.com
- Artribal: www.arttribal.com
- The British Museum: www.thebritish-museum.ac.uk
- Centre Pompidou: www.cnac-gp.fr
- Colossal: <https://www.thisiscolossal.com/>
- Courtauld Institute of Art: www.courtauld.ac.uk
- Crafts Council: www.craftscouncil.org.uk
- Curwen Gallery: www.curwengallery.co.uk
- The Dada Movement: www.dadart.com
- The Dieline: www.thedieline.com
- Flowers Gallery: www.flowersgallery.com
- Gallery of Fashion and Art: www.galleryoffashionart.com

- Getty Images: www.gettyimages.co.uk
- Great Photo Journalism: www.greatphotojournalism.com
- Guggenheim: www.guggenheim.org
- Henry Moore: www.henry-moore.org
- Institute of International Visual Arts: www.iniva.org
- Kemistry Gallery: www.kemistrygallery.co.uk
- The Lowry: www.thelowry.com
- The Metropolitan Museum of Art: www.metmuseum.org
- Minneapolis Institute of Arts: www.artsmia.org
- Modern Sculpture: www.modernsculpture.com
- The Museum of Modern Art: www.moma.org
- National Galleries of Scotland: www.natgalscot.ac.uk
- The National Gallery: www.nationalgallery.org.uk
- National Media Museum: www.nationalmediamuseum.org.uk
- National Portrait Gallery : www.npg.org.uk
- Natural History Museum: www.nhm.ac.uk
- The New Art Gallery Walsall: www.artatwalsall.org.uk
- New British Artists: www.newbritishartists.co.uk
- The Photographers' Gallery: www.photonet.org.uk
- Photographer's Gallery: www.photographersgallery.co.uk
- Photography Now: www.photography-now.com
- Pitt Rivers Museum: www.prm.ox.ac.uk
- Professional Photographer:
www.professionalphotographer/magazine/photographic-inspiration
- Rijks Museum: www.rijksmuseum.nl
- Royal Academy: www.royalacademy.org.uk
- San Francisco Museum of Modern Art: www.sfmoma.org
- Saatchi Gallery: www.saatchi-gallery.co.uk
- Sculpture: www.sculpture.org.uk
- Tate: www.tate.org.uk
- Victoria and Albert Museum: www.vam.ac.uk
- Walker Art Centre: www.walkerart.org
- The Whitworth Art Gallery: www.whitworth.man.ac.uk
- Yorkshire Sculpture Park: www.ysp.co.uk

General apps

- Louvre HD: Evolution Games LLP
- Art History Flashcards: Virtual Flashcards
- Art HD Great Artists Gallery and Quiz: ADS Software Group, inc
- The Life of Art: J Paul Getty Trust
- Cropped: A Brief History of Graphic Design: Cheryl Pell
- Soviet Posters HD: Evolution Games
- The V&A: The Victoria and Albert Museum
- Wikipaintings Encyclopaedia of Fine Art: Katerina Nerush
- National Gallery London HD: Evolution Games LLP

VISIT

Cambridge

- [Fitzwilliam Museum](#)
- [Kettle's Yard](#)
- [Museum of Archaeology and Anthropology](#)
- [Ruskin Gallery](#)
- [New Hall \(Murray Edwards\) Art Collection](#)
- [Byard Art](#)
- [Cambridge Contemporary Art](#)

London

- [Tate Modern](#)
- [Tate Britain](#)
- [The Royal Academy](#)
- [The Barbican](#)
- [The Saatchi Gallery](#)
- [The Courtauld](#)
- [The Wallace Collection](#)
- [The National Gallery](#)
- [The National Portrait Gallery](#)

Norwich

- The Castle Museum, Norwich
- The Sainsbury Centre, Norwich

TAKE PART

Art workshops in Cambridge area:

- Wysing Arts Centre
- Curwen Print Study Centre
- Kettle's Yard
- Fitzwilliam Museum

Local and national art competitions and exhibitions

Details can be found on studio 47 noticeboard of art competitions that you can enter or on the St Marys Cloud student notices. There are also posters and fliers in studio 47 advertising current local and national art exhibitions.

BUSINESS

READ

- Billions of Entrepreneurs (Tarun Khanna)
- Bounce: The Myth of Talent and the Power of Practice (Matthew Syed)
- Business Stripped Bare: Adventures of a Global Entrepreneur (Richard Branson)
- Complete Business Statistics (Irwin)
- Deep Sea and Foreign Going: Inside Shipping, the Invisible Industry That Brings You 90% of Everything (Rose George)
- Giants of Enterprise: Seven Business Innovators and the Empires They Built (Richard Tedlow)
- High Output Management (Andrew S. Grove)
- House of Cards: How Wall Street's Gamblers Broke Capitalism (William D Cohan)
- How I Made It: 40 Successful Entrepreneurs Reveal How They Made Millions (Rachel Bridge)
- Lean In: Women, Work and the Will to Lead (Sheryl Sandberg)
- No Logo (Naomi Klein)
- The Apple Revolution: Steve Jobs, the counterculture and how crazy ones took over the world (Luke Dormehl)
- The Everything Store: Jeff Bezos and the Age of Amazon (Brad Stone)
- The Filter Bubble: What the Internet is Hiding From You (Eli Pariser)
- The Google Story (Vise and Malseed)
- The Hard Thing About Hard Things (Ben Horowitz)
- The Snowball (Warren Buffet)
- The Tipping Point: How Little Things Can Make a Big Difference (Malcolm Gladwell)
- The Virgin Way: How to Listen, Learn, Laugh and Lead (Richard Branson)
- The Winner of Effect: The Science of Success and how to use it (Ian Robertson)
- Value Proposition Design (Alexander Osterwalder)
- Wikinomics (Don Tapscott)
- Zero to One (Peter Thiel)

WATCH

- Channel 4 News: <http://www.channel4.com/news/>
- Newsnight: <http://www.bbc.co.uk/programmes/b006mk25>
- TED talks from the Royal Society of Arts: <https://www.ted.com/talks>

- The Corporation
- Enron: The Smartest Guys in the Room
- Roger and Me
- Walmart: The high cost of low price
- Fastest Guys in the Room
- Supersize Me
- A Faster Horse
- The Call of the Entrepreneur
- Beer Wars

LISTEN (PODCASTS)

- The Bottom Line presented by Evan Davis:
<http://www.bbc.co.uk/podcasts/series/bottomline>
- In Business presented by Peter Day: <http://www.bbc.co.uk/podcasts/series/worldbiz>
- The Broad Experience: <http://www.thebroadexperience.com/>
- The EntreLeadership: <https://itunes.apple.com/us/podcast/the-entreleadership-podcast/id435836905?mt=2>
- The Start Up Podcast: <https://soundcloud.com/hearstartup>

TAKE PART

- Dragons' Apprentice Challenge
- Investors Challenge

CLASSICAL CIVILISATION

READ

Educational

- Greek Tragedy: An Introduction (Baldock)
- Greek Theatre in Context (Dugdale)
- Ancient Epic (Callen King)
- The Art of Greece and Rome (Woodford)
- The Parthenon (Woodford)
- The Oxford Illustrated History of Greece and the Hellenistic World (Boardman, Griffin)
- SPQR (Beard)

Modern interest

- Imperium, Lustrum and Dictator (Harris)
- The Amber Fury (Haynes)
- The Secret History (Tartt)

RESEARCH

- The Greek and Roman gods
- Greek and Roman mythology and history

LISTEN (PODCASTS)

- The History of Rome
- In Our Time (relevant episodes on Greece and Rome)

WATCH

- Who Were The Greeks
- Ancient Greece: The Greatest Show on Earth
- Pompeii: Life and Death in a Roman Town
- Pompeii: New Secrets Revealed
- Pompeii: The Mystery of a People Frozen in Time
- Meet the Romans with Mary Beard
- Mary Beard's Ultimate Rome

TAKE PART

- Heffer's Classics Forum
- Classical Association Lectures
- Assist in Classics Club

VISIT

- The British Museum, London
- The Museum of Classical Archaeology, Cambridge
- Verulamium Museum, St Albans
- Roman sites in the UK (e.g. Hadrian's Wall, Fishbourne Palace, the Roman Baths at Bath)

COMPUTER SCIENCE

READ

- Python for Software Design – How to think like a computer scientist (Allen B Downey) *Can be downloaded as a PDF – link is on SMO*
- Computer Networks (Andrew S Tanenbau)
- Understanding Computer Science for A Level (Ray Bradley)
- New Turing Omnibus (A K Dewdney)
- Computational Fairy Tales (Jeremy Kubica)
- The CS Detective: An Algorithmic Tale of Crime, Conspiracy, and Computation (Jeremy Kubica)
- Magazine CS4FN

WATCH

- RI Christmas Lectures – Chris Bishop's 'Hi-tech Trek' lectures
- TED talks

LISTEN (PODCASTS)

- Infinite Monkey Cage
- Science in Action

TAKE PART

- Codecademy
- Beyond the Hour of Code
- Khan Academy
- MOOCs: lots available, try <http://cambridgecscsecomputing.org/> as a good introduction to the A Level course, it's free.

ENGAGE

- Website CS4FN: <http://www.cs4fn.org/>
- Visit the Centre for Computing History in Cambridge: <http://www.computinghistory.org.uk/>
- Public Lectures: Cambridge University: <https://www.cam.ac.uk/public-engagement/public-events>

DRAMA AND THEATRE STUDIES

READ

- Edexcel AS/A Level Drama and Theatre (John Davey, Phil Cleaves and John Johnson)
- Drama and Theatre Studies (Simon Cooper and Sally Mackey)
- Drama & Theatre Studies at AS & A Level (Jonathan Neelands and Warwick Dobson)
- The Oberon Glossary of Theatrical Terms (Colin Winslow)
- The Penguin Dictionary of the Theatre (Jonathan Law)

Actors/Acting

- Acting Re-considered edited (Phillip B Zarrilli)
- Being an Actor (Simon Callow)
- Beyond Stanislavsky (Bella Merlin)
- Commedia dell' Arte: An Actor's Handbook (John Rudkin)
- Games for Actors and Non-actors (Augusto Boal)
- Impro: Improvisation and the Theatre (Keith Johnstone)
- In the Company of Actors (Carole Zucker)
- The Actor and the Text (Cicely Berry)
- The Art of the Actor (Jean Benedetti)
- The First English Actresses: Women and Drama, 1660-1700 (Elizabeth Howe)
- The Year of the King: An Actor's Diary (Antony Sher)

Plays/Playwriting

- Commedia Plays (Barry Grantham)
- Feminist Views on the English Stage: Women Playwrights 1990-2000 (Elaine Aston)
- In Yer Face Theatre, British Theatre Today (Aleks Sierz)
- Rage and Reason: Women Playwrights on Playwriting (Heidi Stephenson and Natasha Langridge)
- State of Play: Playwrights on Playwriting (David Edgar)
- The Full Room – An A-Z of Contemporary Playwriting (Dominic Dromgoole)
- The Theatre of Martin Crimp (Aleks Sierz)

Practical Theatre

- Devising Theatre: A Practical and Theoretical Handbook (Alison Oddey)
- From Page to Performance: A Study Book for Drama (Don Shiach)

- Impro: Improvisation and the Theatre (Keith Johnstone)
- Strategies for Playbuilding: Helping Groups Translate Issues into Theatre (Will Weigler)
- Theatre Audiences: A Theory of Production and Reception (Susan Bennett)
- Theatrical Presentation (Bernard Beckerman)

Directors/Directing

- Conversations with Ayckbourn (Ian Watson)
- Directing in the Theatre (Hugh Morrison)
- Directors in Rehearsal: A Hidden World (Susan Cole)
- Directors on Directing – A Source Book of the Modern Theatre (Toby Cole and Helen Krich Chinoy)
- Letters to George (Max Stafford-Clark)
- Taking Stage - Women Directors on Directing (Helen Manfull)
- Taking Stock, The Theatre of Max Stafford-Clark (Max Stafford-Clark and Philip Roberts)
- The Theatre of Steven Berkoff (Steven Berkoff)

Designers

Craig

- Craig on Theatre (E G Craig edited by J M Walton)
- Edward Gordon Craig - Directors in Perspective series (Christopher Innes)
- Gordon Craig's Moscow Hamlet: A Reconstruction

(Laurence Senelick) Ralph Koltai

- Ralph Koltai: Designer for the Stage (Ralph Koltai and Trevor Nunn) Julie Taymor
- Lion King, The: Pride Rock on Broadway (Julie Taymor)

Practitioners

General

- Avant Garde Theatre 1892-1992 (Christopher Innes)
- Experimental Theatre: From Stanislavsky to Peter Brook (James Roose-Evans)
- Modern Drama in Theory and Practice Vol.1: Realism and Naturalism (John Louis Styan)
- Modern Drama in Theory and Practice Vol.2: Symbolism, Surrealism and the Absurd (John Louis Styan)
- Modern Drama in Theory and Practice Vol.3: Expressionism and Epic Theatre (John Louis Styan)
- Systems of Rehearsal: Stanislavsky, Brecht, Grotowski and Peter Brook (Shomit Mitter)

- The Shifting Point: Forty Years of Theatrical Exploration, 1946-87 (Peter Brook)
- The Theory of the Modern Stage (Eric Bentley)
- The Twentieth Century Performance Reader (Michael Huxley and Noel Witts) Artaud

- Antonin Artaud (Martin Esslin)
- Artaud and After (Ronald Hayman)
- Artaud on Theatre by Artaud edited (C Schumacher)
- Artaud's Theatre of Cruelty (Albert Bermel)
- Collected Works of Artaud: Vol.1 (Artaud)
- Collected Works of Artaud: Vol.2 (Artaud)
- Collected Works of Artaud: Vol.3 (Artaud)
- The Theatre and its

Double (Artaud) Boal

- Games for Actors and Non-actors

(Augusto Boal) Brecht

- Bertolt Brecht: Chaos, According to Plan
- Brecht (Jan Needle and Peter Thomson)
- Brecht on Theatre translated (John Willett)
- Brecht Sourcebook edited (Carol Martin and Henry Bial)
- Brecht: A Choice of Evils (Martin Esslin)
- Performing Brecht (Margaret Eddershaw)
- The Cambridge Companion to Brecht (edited by Peter Thomson and Glendyr Sacks)
- The Theatre of Bertolt

Brecht (John Willett) Brook

- Peter Brook (Directors in Perspective series) (Albert Hunt and Geoffrey Reeves)
- The Empty Space (Peter Brook)
- The Open Circle – Peter Brook's Theatre Environments (Andrew Todd and Jean-Guy Lecat)
- The Shifting Point: Forty Years of Theatrical Exploration, 1946-87 (Peter Brook)
- There are No Secrets: Thoughts on Acting and Theatre (Peter Brook)
- Threads of Time: A

Memoir (Peter Brook)

Grotowski

- The Grotowski Sourcebook (edited by Richard Schechner and Lisa Wolford)
- Towards a Poor Theatre

(Jerzy Grotowski) Meyerhold

- Meyerhold: A Revolution in Theatre
(Edward Braun) Stanislavski
- Actor's Handbook: An Alphabetical Arrangement of Concise Statements on Aspects of Acting by C Stanislavski (edited by Elizabeth Reynolds-Hapgood)
- An Actor Prepares (Stanislavski)
- Building a Character (Stanislavski)
- My Life in Art (Stanislavski)
- Signs of Performance: An Introduction to Twentieth Century Theatre (Colin Counsell)
- Stanislavski and the Actor (Jean Benedetti)
- Stanislavski: An Introduction (Jean Benedetti)
- Stanislavsky on the Art of the Stage (Stanislavski)
- The Complete Stanislavsky Toolkit (Bella Merlin)

Stagecraft

- A Visual History of Costume: The Sixteenth Century (Jane Ashelford)
- British Theatre Design: The Modern Age edited (John Goodwin)
- Costume 1066-1990s: A Complete Guide to English Costume Design and History (John Peacock)
- Costume and Make-up (Theatre Manual) (Michael Holt)
- Costumes for the Stage (Sheila Jackson)
- Directing A Play (Theatre Manual) (Michael McCaffery)
- Lighting and Sound (Theatre Manual) (Neil Fraser)
- More Costumes for the Stage (Sheila Jackson)
- Practical Theatre: A Post-16 Approach (Sally Mackey)
- Stage Design and Properties (Theatre Manual) (Michael Holt)
- Stage Lighting Design: The Art, The Craft, The Life (Richard Pilbrow)
- Stage Management and Theatre Administration (Terry Hawkins and Pauline Menear)
- The Stage Lighting Handbook (Stage & Costume) (Francis Reid)
- The Visual History of Costume (Aileen Ribeiro and Valerie Cumming)

WATCH

- [ADC Theatre](#): Main theatre space for the University of Cambridge. In Park Street, near the Round Church.
- [Arts Theatre](#): Drama, dance, music, comedy and pantomime. Near the Guildhall and the marketplace.
- [Corn Exchange](#): Entertainment venue. Behind the Guildhall.
- [Junction](#): Live music, children's activities, workshops, comedy, theatre/dance. Off Hills Road near railway bridge.
- [Mumford Theatre](#): theatre in Anglia Ruskin University. Plays and other events. In Broad Street, off East Road.
- [The Playroom](#): Cambridge's primary fringe theatre, with an emphasis on new writing.
- We subscribe to Digital Theatre Plus. There are over 100 theatrical productions to watch. Excellent range of interviews from the creative team behind productions. www.digitaltheatreplus.com

Login:

stmaryscambrid

ge.co.uk

Password:

theatre

DVDS

- Woyzeck (1979 Klaus Kinski) in department
- Woyzeck 1993 (Janoe Szasz and Lajos Kovacs) in department
- Woyzeck (Spendid productions) in department
- Hannah and Hanna (John Rattalack) in department

WEBSITES

- www.cheekbyjowl.com
- www.sharedexperience.co.uk
- www.franticassembly.co.uk
- www.theatredatabase.com
- www.backstage.ac.uk/about.html
- www.complicite.org
- www.fashionmuseum.co.uk
- www.rsc.org.uk

- www.itheatrestudies.com
- www.nationaltheatre.org.uk
- www.stagework.org.uk
- www.Barbican.org.uk
- www.coram.org.uk
- www.theatrevoice.com
- www.whatsonstage.com
- www.britishtheatreguide.info/
- www.theatrerecord.com
- www.trestle.uk.com/student
- www.foundlingmuseum.org.uk

LISTEN

Radio Four Afternoon Drama: <http://www.bbc.co.uk/programmes/b006qrzz>

ENGAGE

University of Cambridge drama

- [CADS](#): Christs College dramatic society.
- [Cambridge University Amateur Dramatic Club](#): Resident company at the ADC.
- [CamDram](#): The portal website for student theatre in Cambridge.
- [Fletcher Players](#): Drama society of Corpus Christi. They operate the Playroom theatre.
- [Footlights](#): Famous comedy group.
- [Gods](#): Churchill College dramatic society.
- [Marlowe Society](#): Elizabethan, verse, and non-realist plays.

Cambridgeshire drama

- [Barton Drama Group](#): Local drama group aimed at young/mature adults who try to put on 2 shows a year in the village of Barton.
- [Bawds](#): Amateur dramatic company presenting 3 productions a year.
- [Bottisham Players](#): Amateur drama group from Bottisham, Cambridge and beyond.
- [Bright Club](#): Regular comedy night with academics entertaining audiences about their subject/research. At the Portland Arms.
- [Cambridge Shakespeare Festival](#): During summer. In Cambridge college gardens.
- [Cambridge Storytellers](#): Storytelling group. Meets in various locations.
- [Cambridge Touring Theatre](#): Touring nationally with works of British literature.
- [Combined Actors of Cambridge](#): Amateur productions in college gardens and theatres in Cambridge.

- [Cottenham Theatre Workshop](#): The drama group for Cottenham.
- [Festival Players](#): Amateur group who produce two shows a year as well as workshops, concerts and social events.
- [Filigree Society](#): Organisation of artists staging new musical events at irregular intervals throughout the year.
- [Girton Operatic](#): An active group of singers, musicians and back stage crew based in Girton.
- [Gomito Productions](#): Company creating new, visual theatre.
- [Grip Circus Theatre](#): Shows, workshops and training.
- [Hoipolloi](#): Create and tour accessible and popular new theatre.
- [in situ](#): Experimental theatre group specialising in site-specific performances, learn to act classes and environmental drama workshops.
- [Jesterlarf Comedy Club](#): Comedy nights of unrivalled laughter and fun.
- [Menagerie Theatre](#): New writing theatre company.
- [Over Players](#): Based in the village of Over in Cambridgeshire. Presenting shows in the village since 1984.
- [Peregrine Theatre](#): Drama workshops in secondary schools and colleges, also small group coaching from beginner to professional level.
- [Shakespeare at the George](#): Plays performed in the Jacobean courtyard of The George Hotel in Huntingdon.
- [St John's Players](#): A long established amateur dramatics society based in Fulbourn.
- [Staged](#): Cambridge theatre group. Staged stands for social, teamwork, adaptable, goals, expression and dedication.
- [Viva Arts and Community Group](#): Dedicated to the development and education of young people through the arts and associated community projects.
- [Waterbeach Community Players](#): We perform three productions a year including a pantomime.

Training and drama for young people

- [Creative Movements](#): Dance, movement and storytelling for children. Classes in Cambridge.
- [Gomito Theatre Workshops](#): At the Junction.
- [in situ](#): Experimental theatre group specialising in site-specific performances, learn to act classes and environmental drama workshops.
- [Pauline Quirke Academy of Performing Arts](#): At Parkside College.
- [Razzamataz](#): Training in dance, drama and singing together with opportunities to perform for 4 to 18 years.

- [Sky Blue Theatre Company](#): Dramawise, workshops, events.
- [Stagecoach Cambridge](#): Part-time training in the performing arts for children aged 4- 18yrs.
- [The Young Actors Company](#): Formerly Whizz Kids Theatre. Drama group for young people.
- [Theatretrain, Cambridge East Centre](#): Part time training in dancing, acting and singing for 6-18 year olds. Regular performances in London Theatres.

Cambridge drama services

- [The Penguin Club](#): Providing expertise and help for Cambridge amateur theatrical societies.
- [WriteON](#): Forum for new dramatic writing in Cambridge.

ECONOMICS

READ

- Age of Turbulence: Adventures in a New World (Alan Greenspan)
- Basic Instincts (Pete Lunn)
- Chancellors' Tales (Howard Davies)
- China's Growth: The making of an economic superpower (Linda Yueh)
- Common Wealth: Economics for a Crowded Planet (Jeffrey Sachs)
- Dead Aid (Dambisia Moyo)
- Development as Freedom (Amartya Sen)
- Discover Your Inner Economist (Tyler Cowen)
- Economic Fables (Ariel Rubinstein)
- Economic Naturalist (Robert H Frank)
- Flaws and Ceilings: Price controls and the damage they cause (Coyne and Coyne)
- Fooled by Randomness: The Hidden Role of Chance in Life and in the Markets (Nassim Nicholas Taleb)
- Game Theory – Very Short Introduction: (Ken Binmore)
- Games of Strategy (Dixit, Riley and Skeath)
- Great Crash of 1929 (JK Galbraith)
- Inside the Nudge Unit (David Halpern)
- Keynes Hayek: The clash that defined modern Economics (Nicholas Wapshott)
- Kicking away the ladder (Ha-Joon Chang)
- Logic of Life (Tim Harford)
- New Ideas from Dead Economists (Todd Buchholz)
- New Paradigm for Financial Markets (George Soros)
- Nudge: Improving Decisions About Health, Wealth, and Happiness (Thaler and Sunstein)
- Predictably Irrational: Hidden Forces That Shape Our Decisions (Dan Ariely)
- Prophet of Innovation: Joseph Schumpeter and Creative Destruction (TK McCraw)
- The Bottom Billion: Why the Poorest Countries Are Failing (Paul Collier)
- The Death of Money: The coming collapse of the international monetary system (J Rickards)
- The (Honest) Truth about Dishonesty (Dan Ariely)
- The Long Tail: How Endless Choice Is Creating Unlimited Demand (Chris Anderson)
- The Mystery of Capital (Hernando de Soto)
- The Paradox of Choice (Barry Schwartz)

- The Return of Depression Economics (Paul Krugman)
- The Worldly Philosophers (Heilbroner)
- Thinking Strategically (Dixit and Nalebuff)
- Too Big to Fail (Andrew Ross Sorkin)
- Who Runs Britain? How the Super-Rich are Changing our Lives (Robert Peston)
- Why Popcorn Costs So Much at the Movies: And Other Pricing Puzzles (McKenzie)
- Economics (Begg, Fischer, Dornbusch)
- Economics – Very Short Introduction: (Partha Dasgupta)
- Intermediate Microeconomics (Varian)
- Microeconomics (Morgan, Katz, Rosen)
- Statistical Techniques in Business and Economics (Lind, Marchal, Mason)

WATCH

- News programmes: <http://www.channel4.com/news/>
- Newsnight: <http://www.bbc.co.uk/programmes/b006mk25>
- Andrew Marr Show: <http://www.bbc.co.uk/programmes/b0080bbs>
- TED talks from the Royal Society of Arts: <https://www.ted.com/talks>
- Talks from the London School of Economics: <http://www.lse.ac.uk/newsAndMedia/videoAndAudio/channels/publicLecturesAndEvents/Home.aspx>
- The Inside Job
- Blood in the Mobile
- Vanishing of the Bees
- Capitalism: A Love Story
- Inequality for All
- Too Big to Fail
- A Beautiful Mind
- Freakonomics: The Movie
- The Economics of Happiness

LISTEN (PODCASTS)

- NPR's Planet Money: <http://www.npr.org/sections/money/>
- FT's Alphachat: <http://podcast.ft.com/s/ft-alphachat/>
- Freakonomics Radio: <http://freakonomics.com/archive/>
- Slate Money: http://www.slate.com/articles/podcasts/slate_money.html

- The Hidden Brain: <http://www.npr.org/series/423302056/hidden-brain>
- More or Less: <http://www.bbc.co.uk/programmes/b006qshd>
- Pop Up Economics: <http://www.bbc.co.uk/programmes/b01q1mbn>
- EconTalk: <http://www.econtalk.org/>
- Peter Day's World of Business: <http://www.bbc.co.uk/programmes/p02nrwfk/episodes/downloads>
- Evan Davis's The Bottom Line: <http://www.bbc.co.uk/programmes/b006sz6t>
- The London School of Economics: <http://www.lse.ac.uk/newsAndMedia/videoAndAudio/channels/publicLecturesAndEvents/Home.aspx>

TAKE PART

- Target 2.0
- Investors Challenge
- Debating Society

ENGAGE

- Royal Economics Society Essay Competition: <http://www.res.org.uk/view/essayEducationTraining.html>
- Institute of Economic Affairs Essay Competition: <https://iea.org.uk/essay-competition/>
- Public Lectures: London School of Economics: <http://www.lse.ac.uk/newsAndMedia/videoAndAudio/channels/publicLecturesAndEvents/Home.aspx>
- Public Lectures: Adam Smith Institute: <http://www.adamsmith.org/events/>
- Public Lectures: Cambridge University: <https://www.cam.ac.uk/public-engagement/public-events>

ENGLISH

READ

- George Orwell – 1984; Animal Farm
- Jane Austen – Pride and Prejudice; Emma; Northanger Abbey (any)
- Joseph Conrad – Heart of Darkness; Lord Jim;
- Charles Dickens – Great Expectations; David Copperfield, (any)
- Graeme Greene – Our Man in Havana; The Power and the Glory (any)
- George Eliot - Middlemarch
- John Fowles – The Magus; The Collector
- George Eliot – Mill on the Floss; Silas Marner
- Thomas Hardy – Tess of the D’Urbervilles
- Charlotte Bronte – Jane Eyre
- Emily Bronte – Wuthering Heights
- W.M. Thackeray – Vanity Fair
- Oscar Wilde – The Picture of Dorian Gray
- Evelyn Waugh – Brideshead Revisted; Decline and Fall (any)
- Wilkie Collins – The Woman in White
- Nevil Shute – A Town Like Alice
- Bram Stoker – Dracula
- Stevenson – Dr Jekyll and Mr Hyde

American Writers:

- John Steinbeck – The Grapes of Wrath; Of Mice and Men
- Ernest Hemingway – For Whom the Bell Tolls
- Edith Wharton – Age of Innocence
- Harper Lee – To Kill a Mockingbird
- Henry James – Turn of the Screw
- Stephen Crane – The Red Badge of Courage
- Ken Kesey – One Flew over the Cuckoo’s Nest
- Sylvia Plath – The Bell Jar
- Jean Rhys – Wide Sargasso Sea
- J.D. Salinger – Catcher in the Rye
- Nathaniel Hawthorne – The Scarlet Letter
- Arthur Miller – The Crucible; (any)
- V.S. Naipaul – A Bend in the River
- Jack Kerouac – On the Road

- Truman Capote – In Cold Blood

World Writers:

- Khaled Hosseini - The Kite Runner; A Thousand Splendid Suns
- Salman Rushdie – Midnight’s Children
- Margaret Atwood – The Blind Assassin; Alias Grace
- Arundhati Roy – The God of Small Things
- Toni Morrison – Beloved; Song of Solomon
- Leo Tolstoy – Anna Karenina; War and Peace
- James Joyce – A Portrait of the Artist as a Young Man
- Gabriel Garcia Marquez – A Hundred Years of Solitude; Life in the Time of Cholera
- Kazuo Ishiguro – Remains of the Day
- Jung Chang – Wild Swans
- J.M. Coetzee – Disgrace
- Rohinton Mistry – A Fine Balance
- Yann Martel – Life of Pi
- Chinua Achebe – Things Fall Apart
- Alan Paton – Cry, the Beloved Country
- Alice Walker – The Colour Purple
- Alexandre Dumas – The Count of Monte Cristo
- Mario Puzo – The Godfather

Contemporary

- Joseph Heller – Catch 22
- Annie Proulx – The Shipping News
- Philip Roth – American Pastoral
- Angela Carter – Wise Children; Nights at the Circus
- Ian McEwan – Enduring Love; Atonement
- Donna Tartt – The Secret History
- Iain Banks – The Wasp Factory
- Anita Brookner – Hotel du Lac
- Lionel Shriver – We Need to Talk about Kevin
- Sebastian Faulks – Birdsong
- Jeanette Winterson – Oranges are not the Only Fruit
- Julian Barnes – A History of the World in 10 Days; (any)
- J.G. Farrell – The Siege of Krishnapur
- Michael Frayn - Spies
- Doris Lessing – The Grass is Singing
- Philip Pullman – His Dark Materials Trilogy

- John Irving – The Cider House Rules (any)
- Arthur Golden – Memoirs of a Geisha
- Patrick Suskind – Perfume
- Dodie Smith – I Capture the Castle
- Terry Pratchett – The Colour of Magic
- Michael Ondaatje – The English Patient
- Andrea Levy – Small Island
- Martin Amis – Money
- J.G. Ballard – Super Canne
- Iain Banks - The Wasp Factory
- Susan Hill - The Woman in Black

WATCH

Documentaries on writers:

- George Orwell: <https://www.youtube.com/watch?v=s6txpumkY5I>
- Virginia Woolf: <https://www.youtube.com/watch?v=2Hnlsh8WyPE>
- Charles Dickens: <https://www.youtube.com/watch?v=6lZB6E0-yCk>
- W.H. Auden: https://www.youtube.com/watch?v=gvezOvM_VgQ
- Sylvia Plath: <https://www.youtube.com/watch?v=wmamNSa3sP8>
- Philip Larkin: <https://www.youtube.com/watch?v=dqa6L22m0rY>
- Carol Ann Duffy: <https://www.youtube.com/watch?v=4At4SSVcat4>

Digital Theatre Plus - <https://www.digitaltheatreplus.com/>

The school has access to Digital Theatre Plus where you can watch a wide range of productions and view collections from a variety of institutions. There are also study guides available for authors and playwrights.

- <https://www.digitaltheatreplus.com/study-guides/william-shakespeare-at-a-glance>
- <https://www.digitaltheatreplus.com/study-guides/arthur-miller-at-a-glance>
- <https://www.digitaltheatreplus.com/study-guides/thomas-hardy-at-a-glance>
- <https://www.digitaltheatreplus.com/study-guides/eugene-oneill-at-a-glance>

RESEARCH

- Guardian Books website with interviews and reviews: <https://www.theguardian.com/books>
- Guide to literary criticism: <http://www.ipl.org/div/litcrit/>
- Poetry archive with recordings: <http://www.poetryarchive.org/>
- Literary encyclopaedia: <http://www.litencyc.com/>
- Literary encyclopaedia: <http://www.bartleby.com/cambridge/index.html>

- Shakespeare Resource Centre: <http://www.bardweb.net/>

VISIT

- British Library: <http://www.bl.uk/>
- Cambridge Arts Theatre: <https://www.cambridgeartstheatre.com/>
- The Globe Theatre: <http://www.shakespearesglobe.com/>

ENGAGE

- Cambridge Literary Festival: <http://www.cambridgeliteraryfestival.com/>
- Reading groups in Cambridge:
http://www.cambridgeshire.gov.uk/info/20130/news_and_events_in_libraries/333/books_and_reading_groups
- London Literature Festival:
<http://www.southbankcentre.co.uk/whatson/festivals-series/london-literature-festival>
- Cambridge Waterstones - events and readings:
<https://www.waterstones.com/events/search/shop/cambridge-sidney-str>

FOOD AND NUTRITION

READ

- Any recipes books/every recipe book and follow instructions!
- Any Leiths book and try the recipes, full list here <https://www.leiths.com/shop>
- Salt, Fat, Acid, Heat: Mastering the Elements of Good Cooking: The Four Elements of Good Cooking by Samin Nosrat and Wendy MacNaughton
- How to Eat by Nigella Lawson
- Completely Perfect: 120 Essential Recipes for Every Cook by Felicity Cloake
- Keep up to date with latest advice <https://www.nutrition.org.uk/>
- Relish: My Life on a Plate by Prue Leith

WATCH

- Cookery tips and how to videos <https://www.leiths.com/how-tos>
- Salt, Fat, Acid, Heat <https://www.saltfatacidheat.com/>
- Clips of food presentation on YouTube or here <https://www.webstaurantstore.com/article/200/basic-guide-to-food-presentation.html>
- Food Unwrapped <https://www.channel4.com/programmes/food-unwrapped>
- Clips on food science here <https://www.ifst.org/lovefoodlovescience>
- Rick Stein's Long Weekends
- Saturday Kitchen
- Mary Berry Cooks
- Tom Kerridge's Fresh Start
- MasterChef: The Professionals

LISTEN

- BBC Radio 4 – The Food Programme
<https://www.bbc.co.uk/programmes/b006qnx3/episodes/downloads>

ENGAGE

- Weigh and measure ingredients
- Make the basics for the first time or the millionth time – batters, bread, cakes, frying, using eggs, preparing fish and meat, making different types of pastry
- Work on attractive food presentation
- Menu planning
- Cooking for friends/family parties
- Dinner parties/buffet parties/canape parties
- Sign up for a day course <https://www.leiths.com/classes>
- Visit farmer's markets, talk to the stall holders

- Go to food shops, look up unfamiliar ingredients, try cooking with something different
- Eat out locally, try new dishes and examine their food presentation. Try to find street food, go to markets. For restaurants in Cambridge (save up for some of them!) try
- Cotto <http://www.cottocambridge.co.uk/>
- Midsummer House <http://www.midsummerhouse.co.uk/>
- Stem and Glory <https://www.stemandglory.uk/>
- Pho <https://www.phocafe.co.uk/locations/cambridge/>
- Parkers Tavern <https://parkerstavern.com/>
- The Ivy <https://theivycambridgebrasserie.com/>
- The Boot in Histon <https://boothiston.com/>

FRENCH

READ

- lemonde.fr
- lefigaro.fr
- liberation.fr
- lexpress.fr
- lepoint.fr
- leparisien.fr
- lesclesjunior.com (French news website for teenagers)
- 1jour1actu.com
- courrierinternational.com (news from the international press in French)
- vogue.fr
- geo.fr (travel)

WATCH

- france24.com
- tf1.fr
- francetelevision.fr
- canalplus.fr
- arte.tv
- m6.fr
- tv5.org (the francophone website, also contains a section for learners of French with exercises)
- bbc.co.uk/French

WATCH/READ: These are the AQA A Level set texts and films:

- Les 400 coups (François Truffaut)
- Un Sac de Billes (Joseph Joffo)
- Élise ou la vraie vie (Claire Etcherelli)
- Au revoir les enfants (Louis Malle)
- Bonjour Tristesse (Françoise Sagan)
- Un secret (Philippe Grimbert)
- Un long dimanche de fiançailles (Jean-Pierre Jeunet)
- Boule de Suif (Guy de Maupassant)
- No et moi (Delphine de Vigan)
- L'Auberge espagnole (Cédric Klapisch)

- Kiffe Kiffe demain (Faiza Guène)
- Candide (Voltaire)
- La Haine (Mathieu Kassovitz)
- L'Étranger (Albert Camus)
- Le Tartuffe (Molière)
- Entre les murs (Laurent Cantet)

LISTEN

- France Inter: [sites.radiofrance.fr/franceinter/accueil/](https://www.radiofrance.fr/franceinter/accueil/) - the public radio station, live shows and podcasts.
- france-info.com (news 24/7)
- [rfi.fr](https://www.rfi.fr)
- listenlive.eu/france.html: European radio stations streaming live on the internet.
- [frenchradiolondon.com](https://www.frenchradiolondon.com): radio station in French run by members of the French community in the capital, news, shows, lots of French music.
- [nrj.fr](https://www.nrj.fr)
- [rtl2.fr](https://www.rtl2.fr)
- [virginradio.fr](https://www.virginradio.fr)
- [skyrock.fr](https://www.skyrock.fr)
- [virginradio.fr](https://www.virginradio.fr)

ENGAGE

- [Culturetheque.org.uk](https://culturetheque.org.uk): the digital platform of the Institut Français in the UK.
- [Terraeco.net](https://terraeco.net) - website on environmental issues, an important topic for A Level French.
- histoire-immigration.fr: website on the history of immigration in France, a valuable source of information, dedicated section for education purposes. Another big topic at A Level.
- frenchjournal.typepad.com: notes on French culture and links to interesting websites on France.
- parlez-vous.org: French culture and links to websites for students of French.
- blogotheque.net: info on music, cinema, etc.
- divergencephilosophique.blogspot.com - culture, fashion, creative arts.
- [melty.fr](https://www.melty.fr): news for French teenagers.
- [wikipedia.fr](https://fr.wikipedia.org)
- [bbc.co.uk/languages/French](https://www.bbc.co.uk/languages/French)
- TV5 Monde
- [languagesonline.org.uk](https://www.languagesonline.org.uk)

- www.asahi-net.or.jp/~ik2r-myr/acctopma.htm
- www.ciel.fr/learn-french/french-exercises.htm

GEOGRAPHY

READ

- A Town like Alice (William Dalrymple)
- Powerdown: Options and Actions for a Post Carbon World (Richard Heinberg (2004))
- The New Rulers of the World (John Pilger)
- The White Tiger (Aravind Adiga)
- Fixing Climate (Wallace Broecker and Robert Kunzig)
- There is no such thing as a Natural Disaster (Chester Hartman and Gregory D Squires)
- Dead Aid: Why aid is not working and how there is another way for Africa (Dambisa Moyo (2010))
- Wild Swans (Jung Chiang (2004))
- Geographies of Globalization (Murray, W.E.)
- Spaces of Social Exclusion (Gough, J., Eisenschitz, A. and McCulloch, A.)
- Poverty and Development into the 21st Century (Allen, T. and Thomas, A.)
- Making Development Geography (Lawson, V.)
- The Day after Tomorrow (Whitley Strieber)
- Touching the Void (Joe Simpson)
- Ecology of Fear (Mike Davis)
- Gaia, a new look at life on Earth (James Lovelock)
- The Revenge of Gaia (James Lovelock)
- An Inconvenient Truth (Al Gore)
- Natural Disasters (David Alexander)

- Six Degrees: Our Future on a Hotter Planet (Mark Lynas)
- Heat: How We Can Stop the Planet Burning (George Monbiot)
- The Skeptical Environmentalist (Bjorn Lomborg)
- Cool it: The sceptical environmentalist's guide to global warming (Bjorn Lomborg)
- Earth – The Power of the Planet (Ian Stewart & John Lynch)
- Hazards and Responses (Bishop, V.)
- Geographical Magazine
- National Geographic Magazine
- Join the local Geographical Association
- Geography Review Magazine
- Engage
- Royal Geographical Society: <https://www.rgs.org/HomePage.htm>
- Follow Geography in the News

WATCH

- News programmes: <http://www.channel4.com/news/>
- Newsnight: <http://www.bbc.co.uk/programmes/b006mk25>
- Andrew Marr Show: <http://www.bbc.co.uk/programmes/b0080bbs>
- TED talks: <https://www.ted.com/talks>
- Planet Earth: <https://www.google.co.uk/#q=planet+earth+2>
- Cool Geography animations: http://www.coolgeography.co.uk/advanced/water_car_bon_cycles.php

TAKE PART

- In the lecture series run by the local Geographical Society at local venues round Cambridge.

- RGS study days in London: <http://www.rgs.org/WhatsOn/Whats+on.htm>
- Visit the Natural History Museum: <http://www.nhm.ac.uk/visit/whats-on/day.html>
- CSARS Local lectures by The Cambridge Society for the Application of Research: <http://talks.cam.ac.uk/show/index/5366>

GERMAN

READ

- www.goetheinstitut.de: articles are ordered per topic
- www.spiegel.de: current affairs
- Zeitgeist 1 &2, Oxford University Press
- Deutsch mit Grips, Ernst Klett International
- Schauplatz
- German AS Student Book: Nelson Thornes ISBN 978-0-7487-9811-7 (Paul Shannon/Monika Niedziela/Michael Wardle)
- German A2 Student Book: Nelson Thornes ISBN 978-0-7487-9812-4 (Paul Shannon/Peter Halstead/Jeannie McNeill/Claire Lewis)

German magazines

- Focus
- Der Spiegel
- Brigitte
- Stern
- Deutschland (Forum für Politik, Kultur und Wirtschaft)
- German Youth magazines
- Stafette
- Bravo
- BYM (BRIGITTE Young Miss)
- Popcorn
- Neon
- Fluter (Magazin der Bundeszentrale für politische Bildung)

Books

- Der Vorleser-Bernhard Schlink
- Zonenkinder-Jana Hensel

LISTEN

- www.tagesschau.de
- <http://www1.wdr.de/mediathek/video/index.html>
- Dynamic Learning – you will be given your own log-in details

WATCH/READ

Any German film and book will be useful but this is the list of set texts and films for the AQA A Level German course that you will be covering:

- Wladimir Kaminer: Russendisko
- Jana Hensel: Zonenkinder
- Tom Tykwer: Lola rennt
- Wolfgang Becker: Goodbye, Lenin !
- Heinrich Böll: Die verlorene Ehre der Katharina Blum
- Bernhard Schlink: Der Vorleser
- Friedrich Dürrenmatt: Der Besuch der alten Dame
- Florian Henckel von Donnersmarck: Das Leben der anderen
- Hans Weingartner: Die fetten Jahre sind vorbei
- Bertolt Brecht: Mutter Courage und ihre Kinder
- Yasemin Samdereli: Almanyay: Willkommen in Deutschland
- Marc Rothemund: Sophie Scholl – Die letzten Tage
- Max Frisch: Andorra
- Franz Kafka: Die Verwandlung
- Siegfried Lenz: Fundbüro
- Heinrich Heine: Gedichte

HISTORY

READ

Magazines and articles are a good way to gain a quick introduction to a subject. Try:

- BBC History Magazine
- History Today

For an introduction to historiography and the study of History try:

- R. Evans, 'In Defence of History'
- R. Evans, 'Counterfactuals in History'
- J. H. Elliott, 'History in the Making'
- J. Tosh, 'The Pursuit of History'

For extension reading based on the subjects you are studying for A Level try:

- Badger, 'The New Deal: the Depression Years, 1933-40'
- S. Brigden, 'New Worlds, Lost Worlds: the Rule of the Tudors 1485-1630'
- H. Brogan, 'The Penguin History of the United States of America'
- E. Duffy, 'The Voices of Morebath: Reformation and Rebellion in an English Village'
- Fairclough, 'Better Day Coming: Blacks and Equality 1890-2000'
- Preston (ed), 'Nixon in the World: American Foreign Relations 1969-77'
- R. Rex, 'Henry VIII and the English Reformation'
- E.H. Shagan, 'Popular Politics and the English Reformation'
- D. Walker Howe, 'What Hath God Wrought: the Transformation of America, 1815-1848'

For gender history, try:

- H.R. Castor, 'She-Wolves' (or watch the excellent BBC documentary)
- J. Chang, 'Wild Swans: Three Daughters of China'
- Whitelock, 'Elizabeth's Bedfellows: An Intimate History of the Queen's Court'

For something a little bit different, try:

- C. Ginsburg, 'The Cheese and the Worms'

For historical fiction try:

- C.J. Sansom, 'Dissolution' (and the rest of the Shardlake stories)

WATCH

Any History-related documentaries you can find that are written/presented by academic historians. We would particularly recommend:

- 'The Nazis: A Warning from History' (BBC documentary: on ClickView)
- 'The Victorian Slum' (BBC documentary; on iPlayer)
- 'Battlefield Britain' (BBC documentary: on ClickView)
- 'Eyes on the Prize' (US documentary, https://www.youtube.com/watch?v=zuH_VnCxspl)

LISTEN (PODCASTS)

- 'A History of the World in 100 Objects'
- History Extra: <http://www.historyextra.com/podcasts>
- BBC World War One Project: <http://www.bbc.co.uk/programmes/p02sx794/episodes/downloads>
- Witness (on the BBC World Service) : <http://www.bbc.co.uk/programmes/p004t1hd/episodes/downloads>
- In Our Time (BBC radio show): <http://www.bbc.co.uk/programmes/b006qykl/episodes/player>

TAKE PART

- History and Politics Enrichment for Year 10 and above
- Helping to lead Time Travellers (lower school History club, Wednesdays 4pm to 5pm)
- Regular talks by historians held at Heffers bookshop: <http://bookshop.blackwell.co.uk/stores/heffers-academic-general-books/events-2/>
- Regular exhibitions held at local museums such as the Fitzwilliam and at the University Library: <http://www.fitzmuseum.cam.ac.uk/>; <http://www.lib.cam.ac.uk/>
- The Historical Association has an ever-changing list of ideas, links and features: <https://www.history.org.uk/student>

ENGAGE

- The Vellacott History Prize: <https://www.pet.cam.ac.uk/essay-prizes>
- The Julia Wood History Prize: <http://www.st-hughs.ox.ac.uk/prospectivestudents/outreach/>

[ulia-wood-site/](#)

- The University of Sheffield History Prize:
<http://www.sheffield.ac.uk/history/activity/schools-colleges/essay-competition>

LATIN

READ

Educational

- Ancient Epic (Callen King)
- The Art of Greece and Rome (Woodford)
- SPQR (Beard)

Modern interest

- Imperium, Lustrum and Dictator (Harris)
- The Amber Fury (Haynes)
- The Secret History (Tartt)

RESEARCH

- The Greek and Roman gods
- Greek and Roman mythology and history

LISTEN (PODCASTS)

- The History of Rome
- In Our Time (relevant episodes on Greece and Rome)

WATCH

- Pompeii: Life and Death in a Roman Town
- Pompeii: New Secrets Revealed
- Pompeii: The Mystery of a People Frozen in Time
- Meet the Romans with Mary Beard
- Mary Beard's Ultimate Rome

TAKE PART

- Heffer's Classics Forum
- Classical Association Lectures
- Assist in Classics club
- Help train younger students for reading competitions and Ludi Scaenici

VISIT

- The British Museum, London

- The Museum of Classical Archaeology, Cambridge
- Verulamium Museum, St Albans
- Roman sites in the UK (e.g. Hadrian's Wall, Fishbourne Palace, the Roman Baths at Bath)

MATHEMATICS

READ

Chaos Theory

- Does God Play Dice by Ian Stewart
- Chaos by James Gleick

Cryptography

- The Codebook by Simon Singh
- The Mathematics of Ciphers by S.C. Coutinho
- In Code In Code by Sara Flannery

History of Mathematics

- A History of Mathematics by Carl B. Boyer
- Infinity: The Quest to Think the Unthinkable by Brian Clegg
- E, the Story of a Number by Eli Maor

Biographies

- A History of Mathematics by Carl B. Boyer
- The Man Who Loved Only Numbers by Paul Hoffman
- My Brain is Open: The Mathematical Journeys of Paul Erdos by Bruce Schechter
- Abel's Proof: An Essay on the Sources and Meaning of Mathematical Unsolvability by Peter Pesic

Mathematical Physics

- A Brief History of Time by Stephen Hawking
- The Elegant Universe by Brian Greene
- The Fabric of the Cosmos by Brian Greene

Mathematical Philosophy

- A Mathematician's Apology by G. H. Hardy
- Thinking About Mathematics by Stewart Shapiro

Mathematical Problems

- Fermat's Last Theorem by Simon Singh
- The Millennium Problems by Keith Devlin

- Journey Through Genius: The Great Theorems of Mathematics by William Dunham
- The Equation That Couldn't Be Solved by Mario Livio
- Kepler's Conjecture by George Szpiro
- Poincaré's Prize by George Szpiro
- The Music of the Primes by Marcus du Sautoy
- Four Colors Suffice
by Robin Wilson
- Logic
- Godel, Escher, Bach by Douglas Hofstadter

Readable Textbooks

- Concepts in Modern Mathematics by Ian Stewart
- Geometry for Dummies by Mark Ryan
- Concise Introduction to Pure Mathematics by Martin Liebeck
- Mathematical Methods for Science Students by G Stephenson

Other Popular Mathematical Texts

- Acheson 1089 and All That (2002)
- Clegg A Brief History of Infinity (2003)
- Courant, Robbins and Stewart What is Mathematics? (1996)
- Devlin The Millennium Problems (2004)
- Devlin Mathematics: The New Golden Age (1998)
- Dunham Journey through Genius (1991)
- Du Sautoy The Music of the Primes (2003) Gardiner The Colossal Book of Mathematics
- Gowers Mathematics – A Very Short Introduction (2002)
- Gray The Hilbert Challenge (2000)
- Hilton, Holton, Pedersen, Mathematical Reflections (1998)
- Körner The Pleasures of Counting (1996)
- Polya How to Solve It (1945)
- Sewell (ed.) Mathematics Masterclasses:: Stretching the Imagination (1997)
- Singh Fermat's Last Theorem (1998)
- Singh The Code Book (2000)
- Stewart, I. Concepts of Modern Mathematics (1995)

ENGAGE

Math Resources

- Mymaths.co.uk

- Nrich
- Wolfram Apha

Web links for seminars

- <https://www.youtube.com/channel/UCT4-UAcRfvBtO76gX2vexpA>
- <https://amsp.org.uk/students/a-level-further/resources>

TAKE PART

- NIMO (National Internet Math Olympiad, <http://internetolympiad.org/>)
- OMO (Online Math Open, <http://internetolympiad.org/>)
- Ritangle (<https://integralmaths.org/ritangle/>)

MUSIC

READ

- Nicholas Cook - Music: A Very Short Introduction (Oxford: OUP, 2000)
- Bowman D and Jenkins — Dictionary of Music in Sound (Rhinegold, 2002)
- Roy Bennett - Cambridge assignments in Music - History of music
- D J Grout, Burkholder, Palisca - A History of Western Music
- Paul Griffiths - Modern Music
- Darren Henley - The Friendly Guide to Music by Darren Henley (includes a CD)
- Barry Kernfeld - What to Listen for in Jazz by Barry Kernfeld (includes a CD)
- The Rest is Noise: Listening to the 20th Century by Alex Ross (ISBN 978-1841154763 Harper Perennial 2009). There is also an accompanying CD available.
- Musicophilia: Tales of Music & the Brain by Oliver Sacks (ISBN 978-0330418386, Picador 2008)
- This is Your Brain on Music: Understanding a Human Obsession by Daniel J. Levitin (ISBN 978-1843547167, Atlantic Books 2008)
- BBC Classical Music Magazine
- Classical Music Magazine (pub Rhinegold once a fortnight)
- The Chorale Harmonisations of J. S. Bach. (Chappell, ed. Albert Riemenschneider)
- Benham H - A Student's Guide to Harmony and Counterpoint (Rhinegold, 2006)
- Cole B — The Composer's Handbook
- Anna Butterworth - Harmony in Practice
- Eric Taylor - The AB Guide to Music Theory

LISTEN

Podcasts

- Music Matters, BBC Radio 3
- Composer of the Week, BBC Radio 3
- CD Review, BBC Radio 3
- Composer Rooms, BBC Radio 3
- Opera Guides, BBC Radio 3
- Please listen widely and inquisitively, and think critically about what you're listening to. If it's a piece for which a score is available, do try to look at the score too.
- Listening to music across a wide range of styles and, above all, enthusiasm and passion for music in all its forms, will support you in all

aspects of the A Level Music course.

- Discover Radio 3, Classic FM, BBC Music. Use Spotify or Apple Music to listen to classical music you would not normally listen to. Consciously choose music from each era of music history – *Renaissance, Baroque, Classical, Romantic, Modern*. Think critically about what you are listening to and if it is a piece for which a score is available, try and look at the score as well. Keep a diary of what you listen to.

Vocal Music

- Handel, Messiah: Surely he hath borne, And with his stripes, Hallelujah, Worthy is the Lamb and Amen
- Schubert, Selection of Lieder: Erlkönig, An die Musik, Die Forelle, and Der Leiermann (Winterreise, No. 24)
- Fanny Mendelssohn, Ihr Töne schwingt euch fröhlich (Lied zum Geburtstag des Vaters)
- Ethel Smyth, Mass in D: Gloria Verdi, Rigoletto: Act III, Nos. 11 and 12
- Wagner, Die Walküre: Siegmund and Sieglinde (Wie dir die Stirn to Wälsungen-Blut! and orchestral postlude)
- Verdi, Rigoletto: Act III, Nos. 11 and 12

Instrumental Music

- Haydn, Symphony No. 6 in D: movements 1 and 4
- Beethoven, String Quartet in C, Op. 59 No. 3: movements 3 and 4
- Cécile Chaminade, Concertino for flute and orchestra: Op. 107
- Liszt, Les Préludes
- Chopin, Ballade No.4 in F minor, Op. 52
- Amy Beach, Gaelic Symphony, Op.32: movement 1

Music for Film

- Max Steiner, King Kong
- Ennio Morricone, Once upon a time in the West
- John Williams, Schindler's List
- Debbie Wiseman, Wilde
- Hans Zimmer and Lisa Gerrard, Gladiator
- Toru Takemitsu, Black Rain

Popular Music and Jazz

- Charles Mingus, Blues and Roots
- Carole King, Tapestry
- Jay Z, Blueprint 3
- Björk, Vulnicura
- Michael Jackson, Thriller
- Bix Beiderbecke, Jazz Me Blues

Fusions

- Afro Celt Sound System, Volume 2: Release: Eireann and Riding the waves
- Villa Lobos, Bachianas Brasileiras No. 2 and No. 5
- R. Rahman, Jai ho (You are my destiny)
- Gloria Estefan, Mi Tierra
- Robert Glasper Experiment, Black Radio: Afro Blue
- Sara Tavares, Xinti

WATCH

- The Annual Proms Concerts on the BBC
- The National Young Musician of the Year Competition
- Batman Returns (Music by Elfman)
- The Nightmare Before Christmas (Music by Elfman)
- The Duchess (Music by Portman)
- Chocolat (Music by Portman)
- Hitchcock's Psycho (Music by Herrmann)
- Hitchcock's Vertigo (Music by Herrmann)

ENGAGE

- www.visitcambridge.org/whats-on
- Cambridge Corn Exchange: www.cambridgelivetrust.co.uk/cornex
- West Road Concert Hall: www.westroad.org
- The Junction: www.junction.co.uk
- Saffron Hall: www.saffronhall.com
- Cambridge Arts Theatre: www.cambridgeartstheatre.com
- Snape Maltings Concert Venue: www.snapemaltings.co.uk
- www.wigmore-hall.org.uk
- www.barbican.org.uk
- www.southbankcentre.co.uk
- www.cadoganhall.com
- www.royalalberthall.com

TAKE PART

- Cambridge Young Composer of the Year: www.cambridgeyouthmusic.org.uk/competitions.html - CYM collaborates with Cambridge University Faculty of Music to run this annual composing competition for young people. Full details of the 2016/17 competition can be found here. The competition was first held in 2006.
- New Cambridge Singers composing competition: The chamber choir New Cambridge Singers has announced details of a new composing competition open to all ages and nationalities. Deadline for entries is 1 September 2016. Full details on the choir's website.
- Cambridge Competitive Music Festival: This Festival, first begun in 1934, aims to encourage musicians of all abilities to share their music with others

and to receive advice and encouragement from experienced professional musicians. It takes place in March and offers over 100 classes for instrumentalists and singers. Further information from the Festival website.

- Cambridge Young Musician of the Year: The Cambridge Young Musician of the Year competition was held in 2006, 2008 and 2010. CYM regrets that it has not had the manpower to run the competition since then. Details of the first three competitions can be found via the links top left.
- Attend Subject Masterclasses at the University of Cambridge Join a local youth music group/choir!
- www.phoenixchorale.org.uk
- Cambridgeshire Heidelberg Montpellier Youth Orchestra: chmyonew.hegheg.de/
- www.cambridgeshiremusic.org/.../cambridgeshire...youth-orchestra.html

POLITICS

READ

- Live from Downing Street or Election Notebook by Nick Robinson
- The End of the Party by Andrew Rawnsley
- Servants of the People by Andrew Rawnsley
- Tony Blair: Prime Minister by John Rentoul
- Call me Dave by Michael Ashcroft
- Political diaries by Margaret Thatcher
- After Blair: David Cameron and the Conservative Tradition by Kieron O'Hara
- In Defence of Politics by Bernard Crick
- What's Left?: How Liberals Lost Their Way by Nick Cohen
- Who Runs This Place?: The Anatomy of Britain in the 21st Century by Anthony Sampson
- Leviathan by Thomas Hobbes
- On Liberty by John Stuart Mill
- Second Treatise of Government by John Locke
- Utilitarianism by John Stuart Mill, Oxford
- The Communist Manifesto by Karl Marx
- The English Constitution by Walter Bagehot
- The Prince by Niccolo Machiavelli
- The Republic by Plato
- The Rights of Man by Thomas Paine
- The Social Contract by John-Jacques Rousseau
- New Statesmen
- The Spectator
- The Economist

ENGAGE

- Contact your local representatives
- UK Youth Parliament: <http://www.ukyouthparliament.org.uk/about-us/>
- British Youth Council: <http://www.byc.org.uk/aboutus>
- Amnesty International: <https://www.amnesty.org.uk/>

TAKE PART

- Trinity Essay Competition: <https://www.trin.cam.ac.uk/ra-butler-politics-prize>

- John Locke Institute: <http://www.johnlockeinstitute.com/2016-essay-competition>

LISTEN (PODCASTS)

- PBS NewsHour
- Decode DC
- Best of the Left
- Citizen Radio
- Common Sense
- Left, Right, & Center
- New Yorker: The Political Scene
- Slate's Political Gabfest

WATCH

- BBC am/pm
- Parliament
- BBC Business Questions
- Daily Politics
- The Andrew Marr Show
- Political Party Conferences

PSYCHOLOGY

* indicates an item that would be more accessible if you are new to Psychology.

Alternatively, you can get a preview of the course by reading pages 6-13 in one of our textbooks using this link: http://illuminatepublishing.com/samples/AQA_Psychology_for_A_Level_Y1_AS_SB/#6

For an overview of the scope of Psychology, and to begin to understand the different approaches that are used, you can read the Wikipedia article on Psychology located at: <http://en.wikipedia.org/wiki/Psychology>

READ

Psychology Review (Hodder Education: available in print and digital format). Students may subscribe to this publication at a reduced rate (currently £15 per annum) at the beginning of the academic year. Or you can read the department's copy in SFC6.

For a clear focus on topics in the A level syllabus, you might explore other textbooks besides the ones we refer to in lessons. Look for the Hodder Education volume by Jean-Marc Lawton and Eleanor Willard and the OUP volume by Simon Green, Rob Lewis, Julia Willerton, Kevin Silber and David Cox, both written to the current specification.

There are also sections of our Year 2 textbooks that we do not ordinarily use because they deal with units we are not studying, but may be of interest if you wish to broaden your knowledge, and learn about such issues as Schizophrenia, the Psychology of romantic relationships, Stress, Forensic Psychology and others. Even if you are in Year 12 you can access the on-line volume.

Many (but not all) of the suggestions below are traditionally scholarly works. If you find those a bit hard to get into to begin with, try *Animal the Autobiography of a Female Body* (published by Faber and Faber) by comedian Sara Pascoe. She has done what I hope all our students will do: she took A level Psychology and went on to research the things that interested her or were important. The first section of the book is a compelling exploration of evolutionary bio-psychology, but by the time you have read that you will want to finish the book. It is witty, personal, controversial (you probably won't agree with everything), sometimes explicit, but always well researched. Every girl should read it, but if you can persuade a man to read it too, you will have made the world a better place.

To explore aspects of Psychology more deeply in a concise volume, some of the *Very Short Introduction* series from OUP are worth reading (they are short, and therefore can be quite dense, so don't be deceived by the size of the volume):

- **Psychology* by Gillian Butler and Freda McManus
- *The Brain* by Michael O'Shea
- *Child Psychology* by Usha Goswami
- *Consciousness* by Susan Blackmore
- *Forensic Psychology* by David Canter
- *Freud* by Anthony Storr
- *Genes* by Jonathan Slack (preferred to the volumes on Evolution)
- *Memory* by Jonathan K Foster

- *Intelligence* by Ian J Deary
- *Psychoanalysis* by Daniel Pick
- *Psychotherapy* by Tom Burns and Eva Burns-Lundgren
- *Schizophrenia* by Chris Frith and Eve C. Johnstone
- *Sleep* by Steven W. Lockley and Russell G. Foster
- *Social Psychology* by Richard J Crisp
- *Statistics* by David J Hand
- *Adolescence* by Peter K Smith
- *Anxiety* by Daniel Freeman and Jason Freeman

The Man Who Mistook His Wife for a Hat by Oliver Sacks (Picador Classic) is a readable account of a clinician's encounter with varieties of psychological disorders. But you will probably want your search engine open ready to look up medical terms which are not defined in the text.

* A more recent (2018) book, taking a similar sort of approach is *Unthinkable: An Extraordinary Journey Through the World's Strangest Brains* by Helen Thomson. Often atypical cases provide a good means of investigating "normal" psychology too. This is less technical than Sacks' book but does explore aspects of Psychology on our syllabus.

A very readable book about neuroscience is *The Brain* by David Eagleman. There is a link to his documentary series of the same name below.

Often students are especially interested in psychopathy, and there are plenty of resources around, some of which dwell on extreme and sensational cases without much academic input. If you are interested, you might read *Confessions of a Sociopath* by M. E. Thomas, a high-functioning non-criminal sociopath. An amusing, but serious treatment by Jon Ronson is *The Psychopath Test*, published by Picador. It is subtitled "A journey through the madness industry", and if you are thinking of entering the industry, it will give you a healthy dose of scepticism.

The Gender topic studied in the Upper Sixth Year inevitably invites consideration of sexual politics. A brief, but comprehensive overview of the landscape is given in another "very short introduction" volume, entitled *Sexuality* by Veronique Mottier. A humorous perspective is given by feminist stand-up comedian Bridget Christie in *A book for Her*, published by Century. Just a couple of cautions: i. It does contain vulgar colloquialisms, and ii. There are three appendices and the third of these is not in character with the light-hearted tone of the rest of the book, so be prepared.

In SFC6 there is a small library of Psychology books, which can be borrowed for a short time by arrangement only. Among the more interesting and course-relevant titles are:

Attachment

- *The making and breaking of affectional bonds* John Bowlby

Social Influence

- *Obedience to authority* Stanley Milgram
- *The Lucifer effect* Philip Zimbardo

Memory

- *Eyewitness testimony* Elizabeth Loftus
- *Essentials of human memory* Alan Baddeley

Psychopathology

- *Abnormal psychology* Timothy and Joseph Costello

Approaches to Psychology

- *Cognitive psychology* Michael Eysenck and Mark Keane
- *Freud reader* Peter Gray

Eating Behaviour

- *Eating behaviour* Terence Dovey
- *The social construction of Anorexia Nervosa* Julie Hepworth
- *The golden cage* Hilde Bruch
- *Patient's log book* Arthur Crisp

Addiction

- *The psychology of addiction* Mary McMurrin

Biopsychology

- *Cognitive Neuroscience* Michael Gazzaniga et al.

Research Methods

- *Research methods and statistics in psychology* Hugh Coolican

WATCH

To consider social influence in practice (especially minority influence):

- Suffragette - directed by Sarah Gavron
- Twelve Angry Men - Reginald Rose's story directed by Sidney Lumet
- The Stanford Prison Experiment - a drama based on Phil Zimbardo's notorious study, directed by Kyle Patrick Alvarez

To explore Cognitive and BioPsychology:

- *The Brain with David Eagleman All 6 episodes now available at <http://www.bbc.co.uk/programmes/b06yjrdp/episodes/guide>

To think about eating disorders (mostly Anorexia Nervosa here)

- To the bone (Netflix) – A 2017 American film written and directed by Marti Noxon. This is well done, if a bit unconventional in part. The official trailer is at <https://www.youtube.com/watch?v=705yRfs6DBs>
- Overshadowed (BBC iplayer) – A TV Drama in 8 short episodes in which a girl's anorexia is personified as a character. Helpful for insight into the cognitive dimension of the disorder. Series trailer at <https://www.bbc.co.uk/iplayer/episodes/p05gl7r2?suggid=p05gl7r2>

For insights into Psychopathology (going beyond the topics on the A Level syllabus):

- A Beautiful Mind - directed by Ron Howard, in part based on the biography "A Beautiful Mind" by Sylvia Nasar.
- The Imitation Game - directed by Morten Tyldum, with a screenplay by Graham Moore loosely based on the biography *Alan Turing: The Enigma* by Andrew Hodges
- Ordinary People - directed by Robert Redford
- Rain Man - directed by Barry Levinson, and features autism

To help you understand gender dysphoria (an aspect of the Gender topic) a very sensitive documentary in the Channel 4 *Kids on the Edge* series is available (you will need to sign for this).

And to listen to someone who identifies as “non-binary” a short BBC documentary supporting a Radio 1 story is: <https://www.bbc.co.uk/iplayer/episode/p05vyc4k/radio-1-stories-being-nonbinary>

For fun

- The Big Bang Theory - American sitcom with some astute Psychology. It always seems to be showing on one network or another.

General

- TED talks from the Royal Society of Arts: <https://www.ted.com/talks> The on-line index lists 173 talks under a search for *Psychology*.

LISTEN (PODCASTS)

- *All in the Mind: broadcast on Radio 4
- All in the Mind (many archived editions): <http://www.bbc.co.uk/programmes/b006qxx9/episodes/player>

- Inside Science broadcast on Radio 4
- Inside Science (many archived editions):
<http://www.bbc.co.uk/programmes/b036f7w2/episodes/player>

On BBC sounds you will find lots of Psychology with a browse through the science and technology programmes. The Year 12 topic of memory is well tackled in the series “On the Brain”. There is a mini-series on the mysteries of sleep, going way beyond what we need for the study of circadian and untradian rhythms in Year 12. A series on “Anatomy of Addiction” complements our Year 13 topic well. “Psychologically Speaking” has a programme on Depression related to a specified area of our Year 12 psychopathology.

TAKE PART

- Write for The St Marys Psychology Newsletter (research made accessible)
- The Cambridge Science Festival has lots of offerings in Psychology, and is a great opportunity for people who happen to live in and around the world’s academic capital city. For last year we recommended the following, just in the first week:

Monday: WHAT DOES IT MEAN TO BE HUMAN? SOME REFLECTIONS ON ADVANCES IN ARTIFICIAL INTELLIGENCE AND ROBOTICS Professor John Wyatt, University College London and the Faraday Institute, investigates the implications for human self-understanding of recent advances in artificial intelligence and robotic technology. As part of this Science Meets Faith talk at Wesley Methodist Church, he discusses biomedical ethics and the wider implications of technological advances. 7.45PM – 9PM ♦ MON 11 MAR Wesley Methodist Church, Christ’s Pieces, CB1 1LG

Tuesday: 2019 ANNUAL WISETI LECTURE: THE ADOLESCENT BRAIN Remember being a teenager? Rocked internally with hormones and outwardly with social pressures, you sometimes wondered what was going on in your head. So does Professor Sarah-Jayne Blakemore, University College London. Her research concentrates on the development of social cognition and decision making in the adolescent brain, and is the focus of this year’s WiSETI Lecture. 5.30PM – 6.30PM ♦ TUE 12 MAR Wolfson Hall, Churchill College, Storey’s Way, CB3 0DS

Wednesday: DISCOVERY NIGHT: A JOURNEY THROUGH THE BRAIN The MRC Cognition and Brain Sciences Unit is a leading research centre for advancing understanding of human cognition. Join us for an evening exploring research in psychology and neuroscience through hands-on activities, experiments and short talks. 6PM – 8.30PM ♦ WED 13 MAR MRC Cognition and Brain Sciences Unit, 15 Chaucer Road, CB2 7EF

Thursday: do your Psychology homework

Friday: TRANSFORMATION AND MIND: USING SCIENCE TO FIGHT MENTAL ILLNESS Mental illness has dramatic effects on individuals, their families and communities. Professor Peter Jones discusses how clinical and population studies can be integrated with health services to promote mental health wellbeing. Organised by the Wolfson College Science Society. 5.45PM – 7.15PM ♦ FRI 15 MAR Lee Hall, Wolfson College, Barton Road, CB3 9BB

Saturday: 10AM – 4PM SAT 16 MAR Department of Psychology, Downing Site, CB2 3EB lots of activities from 10 am

There are a number of MOOCS that will enable you to immerse yourself in areas of Psychology. You

might be interested in a few of the following offerings from FutureLearn, which relate to aspects of our Psychology syllabus, although may go well beyond our requirements:

From Monash University

- Introduction to Psychology: Developmental Psychology (12 hours)
- Introduction to Psychology: The Psychology of Learning (12 hours) (explores some principles of Behaviourism)
- Introduction to Psychology: The History and Science of Psychology (12 hours)

Birmingham University

- Good Brain, Bad Brain: Drug origins (8 hours)

University of Reading

- Understanding Anxiety, Depression and CBT (15 hours)

Coventry University

- Defining Mental Health, a Short Introduction (6 hours)

Griffith University

- Why Ethics Matter: Ethical Research (6 hours)
- Why Experience Matters: Qualitative Research (6 hours)

Purdue University

- Brain and Behaviour: Regulating Body Weight (12 hours)

Deakin University

- Why Numbers Matter: Quantitative Research (6 hours)

If you want a substantial summer project, you could go even further with Coursera MOOCs, very much at university level. I enjoyed the following, both related to our Biopsychology:

Hebrew University of Jerusalem

- Synapses, Neurones and Brains (You will need some Physics)

Duke University

- An Introduction to Genes and Evolution (You will need some Maths)

But there are a lot of other offerings which might be more in line with your interests.

VISIT

- The Freud Museum, 20 Maresfield Gardens, London NW3 5SX
- The Bethlem Royal Hospital, Monks Orchard Rd, Beckenham BR3 3BX
- The Wellcome Collection, Gibbs Building, 215 Euston Rd, London NW1 2BE
- The Forensic Psychology department of Goldsmiths College, London has run interactive theatre events, where they take data from participants. If you have never been to this sort of theatre, leave your inhibitions at home and have fun.

SCIENCES

READ

- BBC science and technology website: <http://www.bbc.co.uk/science>
- BBC news: http://www.bbc.co.uk/news/science_and_environment
- The Guardian - <https://www.theguardian.com/science>
- New Scientist*: <https://www.newscientist.com/>
- Newspapers in the library

Biology journals

- The Royal Society of Biology: <https://www.rsb.org.uk/news>
 - The Company of Biologists: <http://www.biologists.com/>
 - The A-level Biologists hub: <http://www.thealevelbiologist.co.uk/>
 - Biological Review*
 - The Biologist*
 - Student BMJ*
 - Other recommended articles/ journals* by Miss Handley and Miss Chatterjee
- *Biology department has copies

Chemistry journals

- Chemistry Review***: magazine aimed at Sixth form students; students can take out a subscription
- The Mole: <http://www.rsc.org/eic/mole>

Physics journals

- Physics Review***: magazine aimed at Sixth form students; students can take out a subscription
- **Chemistry and Physics departments have copies

Books

- A Short History of Nearly Everything by Bill Bryson⁽¹⁾
- The Science of Harry Potter: How Magic Really Works by Roger Highfield
- Life at the Extreme by Frances Ashcroft
- Biomedicine and the Human Condition: Challenges, Risks, and Rewards by Michael G Sargent
- Surely You're Joking, Mr Feynman! by Richard Feynman

- Bad Science by Ben Goldacre⁽¹⁾

Biology recommended books:

- Essential Cell Biology (2nd Edition) by Alberts *et al.* (the first 100 pages or so cover the necessary elementary chemistry (bonds, forces, mole, small and large molecules), Chapters 19 and 20 look at mitosis, meiosis and Mendel's laws and Chapter 21 with tissues).
- Essential AS and A2 Biology by Glenn and Susan Toole
- Understanding Biology for Advanced level by Glenn and Susan Toole
- Biological Science by Green, Stout and Taylor

Chemistry recommended books:

- Oxygen: The Molecule that Made the World by Nick Lane
- Mauve: How One Man Invented a Color that Changed the World by Simon Garfield (The story of the first man who made a useful chemical, and started the entire industry of synthetic organic chemistry.)
- Why Chemical Reactions Happen by James Keeler and Peter Wothers
- Molecules at an Exhibition: Portraits of Intriguing Materials in Everyday Life by John Elmsley
- Napoleon's Buttons: 17 Molecules that Changed History by Le Couteur & Burreson
- Uncle Tungsten: Memories of a Chemical Boyhood by Oliver Sacks

Physics recommended books:

- Michael Guillen; Five Equations that changed the world (ISBN: 978-0316910873)
- K Riley, M Hobson & S Bence, Mathematical Methods for Physics and Engineering (ISBN- 13: 978-0521679718)
- Halliday, Resnick and Walker, Fundamentals of Physics 6th Ed (ISBN-13: 978- 0471392224)
- Davidson, Reed & David, Exploring Earth: An introduction to Physical Geology (ISBN-10: 0130183725)
- David JC Mackay, Sustainable Energy without the Hot air (ISBN 978 0954452933)
- Natasha McCarthy, Engineering - A beginner's guide (ISBN 478 185 1686629)
- J. E. Gordon, Structures (or why things don't fall down) (ISBN 978 0306 812 835)

WATCH

- TED talks on <https://www.ted.com/talks>

- https://www.ted.com/talks/drew_berry_animations_of_unseeable_biology
- https://www.ted.com/talks/ramanan_laxminarayan_the_coming_crisis_in_antibiotics
- Khan Academy website for online lectures: <https://www.khanacademy.org/science>
- David Attenborough programmes of Life on Earth, Frozen Planet, Planet Earth, Blue Planet, The First Life, Natural World, The life of Mammals etc.

LISTEN

Radio programmes

- BBC Radio Cambridgeshire - The Naked Scientists_ <http://www.bbc.co.uk/programmes/p001d7c7>
- BBC Radio 4 - In our time_ <http://www.bbc.co.uk/programmes/b006qykl/episodes/downloads>

Podcasts

- The Naked Scientists: <http://www.thenakedscientists.com/HTML/podcasts/>
- University of Oxford Biology: <https://podcasts.ox.ac.uk/keywords/biology>
- University of Oxford Chemistry: <https://podcasts.ox.ac.uk/units/department-chemistry>
- University of Oxford Physics: <https://podcasts.ox.ac.uk/units/department-physics>
- Biology: <https://player.fm/featured/biology>
- Nature: <http://www.nature.com/podcast/index.html>
- Science: <https://www.acs.org/content/acs/en/pressroom/podcasts.html>
- RSC Chemistry word: <https://www.chemistryworld.com/podcasts>

TAKE PART

- Cambridge University lectures: <http://www.festivalofideas.cam.ac.uk/>
<http://www.sciencefestival.cam.ac.uk/>
<https://www.cam.ac.uk/public-engagement/public-events>
<http://www.open-lectures.co.uk/University-of-Cambridge/#.V-4pWEYrLcs>
- CSAR lectures- free and open to students: <http://www.csar.org.uk/lectures/>
- St Mary's School, Cambridge Science Week in the Spring Term by helping out or running lunch sessions or helping out in science lessons

Biology

- Babraham trip in the Summer Term
- Big Biology Day in the Autumn Term
- Extra-curricular on Tuesdays- Experimental Biology. Seven weeks of practical skills to help students develop confidence and practical ability in line with the A Level course
- The Biology Olympiad online competition

Chemistry

- UK Chemistry Olympiad:
<http://www.rsc.org/campaigning-outreach/outreach/educators/uk-chemistry-olympiad/?id=6279>
- Cambridge Chemistry Challenge: <http://c3l6.org/about>
(For more information on how to prepare and take part in one or both of the challenges contact Head of Chemistry calvesmartins@stmaryscambridge.co.uk)
- The 2017 National *You Be The Chemist* Challenge® will take place on Monday, June 19:
<https://www.chemed.org/programs/challenge/national-challenge/>

Physics

- Raving Robots – this is a Sixth Form club at St Mary's School, Cambridge
- Sixth Form students are also invited to help with the following clubs:
 - Hawksaw club
 - Young Engineers
 - Let's Build
 - Bang Goes the Theory (Y7 club, Tuesday Period 6)
- Help with STEM lessons at the Junior School

ENGAGE

- British Science Association CREST awards and Nuffield Research Placements. If you would like to take a British Science Association CREST award or/and a Nuffield Research Placement see Dr C Alves Martins and Mrs Mead for more information. See also further information about this nationally recognized scheme: <http://www.britishscienceassociation.org/crest-awards>
- Attend Small Piece trust residential courses: <https://www.smallpeicetrust.org.uk/>
- Attend Head Start courses: <http://www.etrust.org.uk/headstart/apply-online>
- Run a termly science magazine in the school – if interested come and talk

with Dr C Alves Martins to find out more about

Biology

- This website is an A Level, UK friendly website: <http://www.mrothery.co.uk/>
- A Level biology materials and resources: http://www.biology4all.com/resources_library/index.asp
- Online encyclopaedia of all known animals and their feeding behaviours, habitats and information about how endangered they are: www.arkive.org
- Cell Biology – www.cellsalive.co.uk
- Visit the Botanical Garden

Chemistry

- ChemNet a Royal Society of Chemistry website to help you with your Chemistry studies: <http://chemnet.rsc.org/home>

Physics

- Issac Physics – Solving interesting problems - on SMO

SPANISH

READ

- Federico García Lorca *La casa de Bernarda Alba*
- Gabriel García Márquez *Crónica de una muerte anunciada*
- Laura Esquivel *Como agua para chocolate*
- Ramón J. Sender *Réquiem por un campesino español*
- Carlos Ruiz Zafón *La sombra del viento*
- Isabel Allende *La casa de los espíritus*
- Gustavo Adolfo Bécquer *Rimas*
- Fernando Fernán-Gómez *Las bicicletas son para el verano*
- Luis de Castresana *El otro árbol de Guernica*
- Gabriel García Márquez *El coronel no tiene quien le escriba*

WATCH

- *El laberinto del fauno* Guillermo del Toro (2006)
- *Ocho apellidos vascos* Emilio Martínez-Lázaro (2014)
- *María, llena eres de gracia* Joshua Marston (2004)
- *Volver* Pedro Almodóvar (2006)
- *Abel* Diego Luna (2010)
- *Las 13 rosas* Emilio Martínez-Lázaro (2007)

LISTEN, READ AND PRACTISE (ONLINE)

- <http://rtve.es>: Search for '4 minutos' within the site and then listen and try to pick out the main stories
- <http://www.audiria.com/>: Listening practice with transcripts
- <http://www.elpais.com/audios/>: Excellent short audio bites on up-to-the-minute topics, literally on the day they happen
- <http://www.rtve.es/mediateca/videos/>: Videos and audio on up-to-the minute topics
- http://www.spanishrevision.co.uk/a_level/reading/reading_index.htm: Great reading exercises
- http://www.spanishrevision.co.uk/a_level/listening/listening_index.htm: Lots of different types of listening exercises on good A level topics
- http://www.spanishrevision.co.uk/a_level/index.htm
- <http://www.elmundo.es>: Spanish newspaper online

- http://www.freeetv.com/modules.php?name=Video_Stream&page=watch&id=2211&d=2: Euronews in Spanish
- <http://oye.languageskills.co.uk/index.html>: Different activities for different levels
- <http://www.colby.edu/personal/b/bknelson/SLC/>: Grammar exercises
- <http://www.20minutos.es/>: Accessible reading and video clips
- <http://www.aulaintercultural.org/>: Intercultural education, useful for A2 topics
- [Punto y coma](#): Listening and reading online
- <http://www.verbuga.eu/Esmi/Esmi.html>: Choose your verb(s) and your tense(s) then practise, practise, practise
- <http://www.spanish.cl/Grammar/Games.htm>

TEXTILES

READ

Fashion magazines

- Vogue
- Elle
- Grazia
- InStyle
- Fashion
- Allure
- Bazaar,
- Marie Claire
- Cosmopolitan
- Glamour

Embroidery magazines

- Embroidery
- Stitch

Design books

- Fashion design books:
 - Patternmaking for fashion design (Helen Joseph-Amstrong)
 - Form Fit Fashion (Jay Calderin)
 - Technical Design (Deborah Beard)
 - Fashion Design Drawing Course, Fashion illustration techniques (Zeshu Takamura)
 - Fashion Artist (Sandra Burke)
 - A guide to career in design – Become a fashion designer (Lisa J. Springsteel)
 - Any specific book made of a designer such as Alexandra McQueen, Sandra Rhodes, Elie Saab, Chanel, Dior, Valentino etc.
- Textile design books:
 - The Print revolution (Tamsin Doe)
 - Digital Textile Design (Melanie Bowles and Ceri Isaac)
 - Textile Visionaries – Innovation and Sustainability in Textile Design (Audley Quinn)
 - Any specific book made of designer e.g. Textile Designers (Bradley Quinn)

Art books

- Any books on art movements such as Art Deco, Art Noveau, Expressionism, Abstract Expressionism, Cubism, Modernism, Futurism, Fauvism, Realism, Impressionism, Op Art, Pop Art

VISIT EXHIBITIONS, MUSEUMS, GALLERIES, FAIRS

- V&A, London
- The Design Museum, London - new museum open on 24 November 2016
- Fashion and Textile Museum, London
- Fitzwilliam Museum, Cambridge
- The Knitting and Stitching Show – (visited in October 2016)
- The London Textile Fair 11-12 January 2017, Islington London
- Any other local Art or Textile exhibition that comes across

WATCH

- BBC3 Absolutely Fashion: Inside British Vogue

THEOLOGY

READ

- Skim/browse a daily newspaper – Times / Guardian
- The Tablet (weekly)
- www.philosophybasics.com
- <http://students.thetablet.co.uk/student-zone>
- A Companion to Ethics; ed. Peter Singer (anthology - dip into not cover to cover)
- Philosophy of Religion: A Reader and Guide; ed. William Lane Craig (as above)
- Christian Theology: An Introduction; Alister McGrath (new edition – dip into as above)
- Practical Ethics; Peter Singer
- Ethics in the Real World; Peter Singer
- An Introduction to the Philosophy of Religion; Brian Davies
- Philosophy: A Very Short Introduction; Edward Craig
- Any/many of the 'Very Short Introductions' series
- Any of the 'Briefly: 25 Philosophers' series
- The Pig that Wants to be Eaten and 99 Other Thought Experiments; Julian Baggini
- The God Delusion; Richard Dawkins
- The Blind Watchmaker; Richard Dawkins
- Dawkins' God; Alister McGrath
- Faith in the Public Square; Rowan Williams
- The Gospel of Mark (in the bible... only 16 short chapters, read from beginning to end)
- The New Testament: A Short introduction; WE Telford
- Jesus the Jew; Geza Vermes
- Nativity; Passion; Resurrection; Geza Vermes (3 titles recently published as trilogy)
- The Gospels and Jesus; Graham Stanton
- The Historical Figure of Jesus; EP Sanders
- Jesus of Nazareth; Pope Benedict XVI
- Jerusalem in the Time of Jesus; Joachim Jeremias
- Rediscovering the Parables; Joachim Jeremias
- The Dead Sea Scrolls; Geza Vermes
- The Jewish War; Flavius Josephus
- Mere Christianity; C.S. Lewis
- The Problem of Pain; C.S. Lewis
- On Prayer: Letters to Malcolm; C.S. Lewis

- Sophie's World; Jostein Gaarder
- Vita Brevis; Jostein Gaarder

WATCH

- News programmes
- BBC Question Time
- TED talks on topics related to religion/religions/philosophy/atheism/faith/morality etc.:
<https://www.ted.com/talks>
- BBC iWonder presentations on relevant topics see www.bbc.co.uk/religion
- 4thought.tv (channel4.com)
- Unreported World (relevant episodes) (Channel 4)

LISTEN

- BBC Radio 4 News coverage – Today / PM / World Tonight etc.
- BBC Radio 4 – Sunday
- Many podcasts and past episodes on iplayer of the following:
- BBC Radio 4 – Inside the Ethics Committee
- BBC Radio 4 – The Moral Maze
- BBC Radio 4 – In Our Time
- BBC Radio 4 – The Public Philosopher
- BBC Radio 4 – The Philosophers Arms
- BBC Radio 4 – A Point of View
- BBC Radio 4 – Four Thought
- BBC Radio 4 – The Reith Lectures
- BBC Radio 4 – Beyond Belief

ENGAGE

- Cambridge University Faculty of Divinity – Special Lectures_
<http://www.divinity.cam.ac.uk/research/confseminars/named-lectures>
- Cambridge University Faculty of Divinity – Events and latest news_
<http://www.divinity.cam.ac.uk/events>