

A Level Reading and Resource List

The following reading and resource list has been compiled to support and enrich students' learning beyond the taught curriculum. The texts included are intended to provide opportunities for students to deepen their knowledge and broaden their understanding of their subjects.

Please note that the books listed are not compulsory purchases. Rather, they are offered as recommendations for those students who wish to extend their learning further and engage more broadly with their subjects.

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ART

Documents of Contemporary Art: Materiality	Edited by Petra Lange-Berndt	Whitechapel Gallery and MIT Press ISBN: 978-0262528092 / 978-0854882373
The Shock of the New: Art and the Century of Change	Robert Hughes	Thames & Hudson Ltd ISBN: 978-0500275825
The Story of Art	E. H. Gombrich	Phaidon ISBN: 9780714847030
Ways of Seeing	John Berger	Penguin ISBN: 9780140135152
The Eyes of the Skin: Architecture and the Senses	Juhani Pallasmaa	Wiley ISBN: 9781119943495
Atmospheres	Peter Zumthor	Birkhäuser ISBN: 9783764374952

BIOLOGY

General Reading

The Immortal Life of Henrietta Lacks	Rebecca Skloot	SBN-13: 9781400052189
The Language of the Genes	Steve Jones	SBN-13: 9780006552437
The Serpent's Promise	Steve Jones	ISBN-13: 9780349128207
Y: The Descent of Men	Steve Jones	ISBN-13: 9780618134489
Genome	Matt Ridley	ISBN-13: 9780007635733

BIOLOGY

Evolution and Natural Selection

The Beak of the Finch	Jonathan Weiner	ISBN-13: 9780679733379
Almost Like a Whale	Steve Jones	ISBN-13: 9780380728886
The Selfish Gene	Richard Dawkins	ISBN-13: 9780199291151
The Blind Watchmaker	Richard Dawkins	ISBN-13: 9780141026169
A Devil's Chaplain	Richard Dawkins	ISBN-13: 9780753817506
The Greatest Show on Earth	Richard Dawkins	ISBN-13: 9781416594789
The Ancestor's Tale	Richard Dawkins	ISBN-13: 9780753819968
Wonderful Life	Stephen Jay Gould	ISBN-13: 9780393307009
Dinosaur in a Haystack	Stephen Jay Gould	ISBN-13: 9780609801413
Trilobite!	Richard Fortey	ISBN-13: 9780006551256
The Rise and Fall of the Third Chimpanzee	Jared Diamond	ISBN-13: 9780099913801
The Thinking Ape	Robin Dunbar	ISBN-13: 9780230756472

BIOLOGY

Evolution and Natural Selection

The Kiwi's Egg	David Quammen	ISBN-13: 9780297856542
The Seven Daughters of Eve	Bryan Sykes	ISBN-13: 9780552998000
Why Elephants Have Big Ears	Chris Lavers	ISBN-13: 9780312330040
The Energy of Life	Guy Brown	ISBN-13: 9780007163861

Biology

Online Resources

The following websites provide valuable supplementary support for students and are recommended for independent study and consolidation.

<http://www.ibiblio.org/virtualcell/index.htm>

<http://www.accessexcellence.org/RC/VL/GG>

<http://www.dnai.org/a/index.html>

<http://nature.com>

<http://www.bmj.com>

<http://nobelprize.org>

<http://royalsociety.org>

<http://www.nhm.ac.uk>

http://www.bbc.co.uk/news/science_and_environment

CHEMISTRY

WJEC Study & Revision Guides

WJEC Chemistry for AS Level Student Book (2nd Edition)	Peter Blake, Elfed Charles et al.	ISBN: 9781912820566
WJEC Chemistry for A2 Level Student Book	Rhodri Thomas, David Ballard	ISBN: 9781908682550
My Revision Notes: Year 1 Chemistry		ISBN:9781510429895
My Revision Notes: Year 2 Chemistry		ISBN:9781510430105
WJEC Chemistry for AS Study & Revision Guide		ISBN:9781908682567
WJEC Chemistry for A2 Study & Revision Guide		ISBN:9781908682611
Understanding Chemistry for A level		ISBN-10 : 9780748739585 ISBN-13 : 978-0748739585

CHEMISTRY

Online Resources

The following websites provide valuable supplementary support for students and are recommended for independent study and consolidation.

<https://www.physicsandmathstutor.com>

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

<https://isaacphysics.org/chemistry>

<https://edu.rsc.org>

<https://www.rsc.org>

<https://www.nature.com>

https://www.bbc.co.uk/news/science_and_environment

ECONOMICS

Economics Edition: 10th (2018)	Sloman, Garratt & Guest	Economics – (Pearson) ISBN-10: 1292187859 ISBN-13: 9781292187853
Foundations of Economics Version 1:	Andrew Gillespie	(OUP) ISBN-10: 0198739885 ISBN-13: 9780198739883
Foundations of Economics Version 2:		ISBN-10: 0198806523 ISBN-13: 9780198806523
Economics (Sixth Edition)	Alain Anderton	ISBN-10: 1405892321 ISBN-13: 9781405892322
WJEC Economics Revision Guide: For A-Level Year 1 and AS	Kevin Longe	Asterisk Books ISBN: 978- 1916018334

ECONOMICS

Online Resources

The following websites provide valuable supplementary support for students and are recommended for independent study and consolidation.

<https://www.tutor2u.net/economics>

<https://www.core-econ.org>

<https://www.bankofengland.co.uk/education>

<https://ifs.org.uk>

<https://www.bbc.co.uk/bitesize/subjects/z4cspj6>

ENGLISH

AS Level Year 12 -Set Texts

Jane Eyre	Charlotte Brontë	(Penguin Classics) ISBN: 9780141441146
Students are expected to obtain and read this text prior to commencing the AS course.		
Poems Selected by Ted Hughes	Sylvia Plath	(Faber) ISBN: 9780571222971
Poems Selected by Simon Armitage	Ted Hughes	(Faber) ISBN: 9780571222957
A Streetcar Named Desire	Tennessee Williams	(Penguin) ISBN: 9780141190273

A2 Level Year 13 -Set Texts

Paradise Lost, Book IX	John Milton	(Oxford) ISBN: 9780198326007
Antony and Cleopatra	William Shakespeare	(Bloomsbury) ISBN: 9781904271017

FRENCH

Edexcel A Level French (A Level) Student Book	Clive Bell, Anneli McLachlan	Pearson ISBN: 978-1292238104
Edexcel A Level French Grammar and Translation Workbook	Steve Harrison	Hodder Education ISBN: 978-1510447356
Un secret	Philippe Grimbert	Le Livre de Poche ISBN: 978-2253113495

Online Resources

The following websites provide valuable supplementary support for students and are recommended for independent study and consolidation.

News in French – TV5MONDE <https://apprendre.tv5monde.com/>

Provides current news articles and videos adapted for French learners, supporting comprehension and vocabulary development.

TED Talks in French <https://www.ted.com/talks?language=fr>

Offers a wide range of talks in French, helping students to develop listening skills and engage with contemporary global issues.

BBC Bitesize – French <https://www.bbc.co.uk/bitesize/subjects/z9dqxn>

Provides accessible explanations, vocabulary support, and interactive activities aligned with GCSE and early A Level content.

Language Gym (French) <https://www.languagegym.com/>

An interactive platform designed to support grammar, vocabulary acquisition, and translation skills through structured practice.

GEOGRAPHY

Prisoners of Geography	Tim Marshall	ISBN: 978-1783962430
Factfulness	Hans Rosling	ISBN: 978-1473637467
The Almighty Dollar	Dharshini David	ISBN: 978-1529342687
Population 10 Billion	Danny Dorling	ISBN: 978-1472914835
The Cure for Catastrophe	Robert Muir-Wood	ISBN: 978-0465026804
Krakatoa	Simon Winchester	ISBN: 978-0142002404
Earth: The Power of the Planet	Iain Stewart	ISBN: 978-1846071758
The World is Flat	Thomas Friedman	ISBN: 978-0374292796
The Bottom Billion	Paul Collier	ISBN: 978-0195373384
Dead Aid	Dambisa Moyo	ISBN: 978-0141031184

GEOGRAPHY

Online Resources

The following websites provide valuable supplementary support for students and are recommended for independent study and consolidation.

<https://educationalresources.wjec.co.uk/en/Geography>

<https://www.rgs.org/schools>

<https://ourworldindata.org>

<https://data.worldbank.org>

<https://www.gapminder.org>

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

<https://www.tutor2u.net/geography>

GOVERNMENT & POLITICS

Essentials of UK Politics and Government	Andrew Heywood & Kathy Schindler	Bloomsbury Academic ISBN-13: 9781350540118 ISBN-10: 1350540110
Essentials of Political Ideas	Andrew Heywood & Kathy Schindler	Bloomsbury Academic ISBN-13: 9781350382381 ISBN-10: 1350382388
A Level US Government and Politics	Simon Lemieux, Anthony J Bennett & David Tuck	Hodder Education ISBN-13: 9781036011444 ISBN-10: 1036011445

Online Resources

The following websites provide valuable supplementary support for students and are recommended for independent study and consolidation.

<https://www.intelligencesquared.com>

<https://www.ted.com/podcasts/ted-talks-daily>

<https://www.britspeakpod.com>

HISTORY

Access to History: Democracy and Nazism: Germany 1918–45 (Third Edition)	Geoff Layton	Hodder Education ISBN: 978-1510457959
Eyes on the Prize: America's Civil Rights Years, 1954– 1965	Juan Williams	Penguin Books ISBN: 978-0143124740
The Penguin History of the United States of America	Hugh Brogan	Penguin Books ISBN: 978-0140252552
United States 1776–1992 –	Derrick Murphy, Kathryn Cooper and Mark Waldron	Collins Educational ISBN: 978-0007116218
British History for AS Level: 1783–1850	Derek Peaple and Tony Lancaster	Causeway Press ISBN: 978-1902796192
Sir Robert Peel	Norman Gash	Faber ISBN: 978- 0571279616

HISTORY

Online Resources

The following websites provide valuable supplementary support for students and are recommended for independent study and consolidation.

The Rest is History

<https://www.youtube.com/@restishistorypod>

This podcast offers engaging discussions across a wide range of historical topics and is particularly useful in modelling:

structured argument

evaluation and rebuttal

nuanced use of evidence

Dan Snow's History Hit

<https://lnkfi.re/DSHH>

This podcast provides detailed narratives and balanced interpretations of key historical events, supporting:

coherent and structured narrative

depth of historical analysis

evaluative thinking

In Our Time (BBC)

<https://www.bbc.co.uk/programmes/b006qykl>

This series offers in-depth academic discussion and analysis, helping students to develop:

understanding of differing historical interpretations

balanced and reasoned argument

nuanced evaluation of evidence

MATHEMATICS

Cambridge reference list

<https://www.maths.cam.ac.uk/undergrad/admissions/files/admissions/reading-list.pdf>

Seventeen Equations That Changed the World	Ian Stewart	ISBN: 9781846685313
Does God Play Dice?	Ian Stewart	ISBN: 9780140174547
Flatland	Edwin A. Abbott	ISBN: 9780486272634
Fermat's Last Theorem	Simon Singh	ISBN: 9781841157914
The Code Book	Simon Singh	ISBN: 9781857028895
How Not to Be Wrong	Jordan Ellenberg	ISBN: 9780143127533
Shape	Jordan Ellenberg	ISBN: 9780241453572
Prime Obsession	John Derbyshire	ISBN: 9780452285252
Humble Pi	Matt Parker	ISBN: 9780241346836
Things to Make and Do in the Fourth Dimension	Matt Parker	ISBN: 9780141975860

MATHEMATICS

Cambridge reference list

Mathematics: A Very Short Introduction	Timothy Gowers	ISBN: 9780192853612
Letters to a Young Mathematician	Ian Stewart	ISBN:9780465082329
The Magic of Math	Arthur Benjamin	ISBN:9780465098740
A Mathematician's Apology	G. H. Hardy	ISBN:9781107604633
The Music of the Primes	Marcus du Sautoy	ISBN: 9780007214621

MATHEMATICS

Transition to University Mathematics

How to Study for a Mathematics Degree	Lara Alcock	ISBN:9780198723537
Advanced Problems in Mathematics: Preparing for University	Stephen Siklos	ISBN:9781906001206
How to Think Like a Mathematician	Kevin Houston	ISBN:9780521719787
How to Solve It	George Pólya	ISBN:9780691119660
How to Think About Analysis	Lara Alcock	ISBN: 9780198723544

MATHEMATICS

Core Pure Mathematics (Undergraduate Level)

Understanding Analysis	Stephen Abbott	ISBN:9781493927118
Linear Algebra Done Right	Sheldon Axler	ISBN:9783319110797
A First Course in Abstract Algebra	John B. Fraleigh	ISBN:9780201763901
Principles of Mathematical Analysis	Walter Rudin	ISBN:9780070542355
Abstract Algebra	Dummit & Foote	ISBN:9780471433347
Discrete Mathematics and It's Applications	Kenneth Rosen	ISBN:9780073383092

Number Theory & Algebra

A Friendly Introduction to Number Theory	Joseph H. Silverman	ISBN:9780131873855
A Classical Introduction to Modern Number Theory	Ireland & Rosen	ISBN:9780387973293
Number Theory	George E. Andrews	ISBN:9780486682525

MATHEMATICS

Calculus & Analysis

Limits, Limits Everywhere	David Applebaum	ISBN:9780198526763
Introduction to Calculus & Analysis	Courant & John	ISBN:9783540650584
Calculus Gems	George Simmons	ISBN:9780070575669

Applied & Discrete Mathematics

Introduction to Difference Equations	Samuel Goldberg	ISBN:9780486447629
Numerical Methods	Lissaman & West	ISBN:9780340814611
Towards Higher Mathematics: A Companion	Richard Earl	ISBN:9781316614839

History & Mathematical Culture

Mathematics and It's History	John Stilwell	ISBN:9780387953367
Numbers and Geometry	John Stilwell	ISBN:9780387982893
Euler: The Master of Us All	William Dunham	ISBN:9780883853283
What Is Mathematics?	Courant & Robbins	ISBN:9780195105190

PHYSICS

WJEC Physics for AS Level Student Book (2nd Edition)	Gareth Kelly, Nigel Wood	ISBN:9781912820559
WJEC Physics for A2 Level Student Book (2nd Edition)	Gareth Kelly, Nigel Wood	ISBN:9781912820726
WJEC Physics for AS Level Study and Revision Guide	Gareth Kelly et al.	ISBN:9781908682604
WJEC Physics for A2 Level Study and Revision Guide	Gareth Kelly et al.	ISBN:9781908682611

Online Resources

https://www.physicsandmathstutor.com
https://isaacphysics.org
https://www.alevelphysicsonline.com
https://www.iop.org
https://home.cern
https://www.nasa.gov
https://www.bbc.co.uk/news/science_and_environment

PSYCHOLOGY

The Complete Companions for WJEC: Year 1 and AS Psychology: Student Book	Cara Flanagan et al.	Oxford University Press ISBN-10: 0198359179 ISBN-13: 9780198359173
WJEC/Eduqas A Level Psychology Year 2 Student Book	Cara Flanagan et al.	Oxford University Press ISBN-13: 9780198356110
A Level Psychology Skills Builder	Louise Steans	ISBN-13: 9781860857072
WJEC A Level Psychology Workbook	Louise Steans	ISBN-13: 9781860857317
Crown House WJEC Psychology		ISBNs: 9781845909758 / 9781845909925

Online Resources

The following websites provide valuable supplementary support for students and are recommended for independent study and consolidation.

https://canvas-story.bbcrewind.co.uk/sounds-psychology/
https://www.bps.org.uk/research-digest
https://www.youtube.com/@PsychBoost
https://www.tutor2u.net/psychology
https://www.simplypsychology.org