

Reading List for Year 12 students

In the Sixth Form, reading is a vital part of a student's educational journey. This is, of course, the case in lessons and in understanding texts provided by teachers, but for Sixth Formers it should be much more than that.

Wider reading is an integral part of scholarship and embedding this practice in preparation for higher education, apprenticeships or employment is something we feel is important for developing lifelong learning habits in our students. As a result, this year's Reading Week has been designed to stretch and challenge our students to explore areas of interest in their subject areas beyond what the curriculum offers.

This may be through recommended reads that cover aspects of the curriculum, but go into greater depth than can be covered in class, giving students a deeper understanding than we would have time to engender through standard teaching. Or this could be through articles or texts that explore entirely new areas of a subject that staff feel are interesting and could spark interest in their subject outside of the limitations of the exam specification.

All Sixth Formers should value wider reading and scholarship and it should be something they are doing as a matter of course, but this week in particular provides an excellent opportunity to devote dedicated time to this pursuit. For Year 12, this is a chance to make significant progress on their UCAS preparation, as the ability to demonstrate that they have a true interest in their chosen subject beyond the curriculum forms a key part of their personal statement. While for Year 13, this Reading Week will mirror what many of them will experience at university and will give them an opportunity to practice making the most of this opportunity to learn independently.

The difference between A* and A grades at A Level, and the success rates for applicants to the most competitive universities may very well depend on the extent and effectiveness of their own reading around, and beyond, their academic subjects.

We hope all students enjoy the additional time devoted simply to reading and they all grasp the chance to take time away from the rhythms and routines of school to undertake this learning opportunity and stretch themselves beyond the curriculum. We hope it inspires them to make habitual reading a part of their normal routine and sets them up for a lifetime of learning.

Please do also refer to the Year 12 Summer Bridging Work list for consolidation and support: <https://www.reading-school.co.uk/attachments/download.asp?file=3386&type=pdf>

Departments have given you a wide range of resource formats, thus preventing the need to buy anything new (unless you want it as a special birthday gift!) – we highly recommend using your local library (you can order books in advance to collect for Reading Week): [Find me a Library!](#)

Art

Explore the department's virtual Art Library at: rdgart.dropmark.com/768899

- *How To Be An Artist* by Jerry Saltz – available [here](#) (EPUB)
- Chapter 7, *Why Have There Been No Great Women Artists?* (p145) from *Women, Art, and Power, and Other Essays* by Linda Nochlin – available [here](#) (PDF)
- *The Whole Picture: The colonial story of the art in our museums and why we need to talk about it* by Alice Procter – available [here](#) (PDF)
- *The Lonely Palette* podcast – available [here](#)
- A chapter from *Ways Of Seeing* by John Berger – available [here](#) (PDF)
- Any of the *Metropolitan Museum* publications – available [here](#) – filter by format (Download pdf)

Biology

Articles:

- Bacterial resistance wars

Hodder online magazine Biological Sciences Review Vol 25 2012-13 p27-29

- Stem cells in research

Hodder online magazine Biological Sciences Review Vol 33 2020-21 p30-34

- An animal tree of life

Hodder online magazine Biological Sciences Review Vol 24 2011-12 p 20-23

Books:

- The Selfish gene, Richard Dawkins, 2006 OUP. *A book about evolution.*
- The Incredible Unlikelihood of Being, Alice Roberts. *A combination of embryology, genetics, anatomy, evolution and zoology to tell the incredible story of the human body*
- The Epigenetics Revolution, Nessa Carey. *A fascinating introduction to epigenetics. If you enjoy this, follow up with Seed to Seed (see below).*
- The Immortal Life of Henrietta Lacks, Rebecca Skloot. *How one woman's cancer cells changed the medical world forever.*
- The Botany of Desire, Michael Pollan. *A very different approach to science writing, Michael Pollan turns our normal perspective on its head to consider how plants manipulate humans.*
- Almost Like a Whale, Steve Jones. *Using contemporary science to update Charles Darwin's "The Origin of the Species".*
- Blood Work: A Tale of Medicine and Murder in the Scientific Revolution, Holly Tucker. *The dramatic history of blood transfusions, from 17th century France onwards.*
- Seed to Seed, Nicholas Harberd. *A research scientist tells the story of ten years of discovery in his own laboratory. A very valuable insight into contemporary genetics and epigenetics research, and what it means to be a scientist.*
- Life Ascending, Nick Lane. *Where does DNA come from? How did the eye evolve? A reconstruction of evolutionary history through ten of its greatest landmarks.*
- Genome, Matt Ridley. *23 human chromosomes in 23 chapters.*
- The Energy of Life, Guy Brown. *Introduction to the cutting-edge science of Bioenergetics*

Video:

- A world without Down's - BBC documentary discusses the ethics and real-life implications of genetic screening
<https://readingschool.planetestream.com/View.aspx?id=2589~4y~AlgtJXfk>

Chemistry

- [Electrophilic addition reactions - Hodder Education Magazines](#)
- [The versatility of alcohols - Hodder Education Magazines](#)
- Introduction to Inorganic Chemistry (Wiki Book):
[https://chem.libretexts.org/Bookshelves/Inorganic_Chemistry/Book%3A_Introduction_to_Inorganic_Chemistry_\(Wikibook\)](https://chem.libretexts.org/Bookshelves/Inorganic_Chemistry/Book%3A_Introduction_to_Inorganic_Chemistry_(Wikibook))
- Organic Chemistry (Wiki Book): https://chem.libretexts.org/Bookshelves/Organic_Chemistry
- Analytical Chemistry (Wiki Book): https://chem.libretexts.org/Bookshelves/Analytical_Chemistry

Classical Civilisations & Ancient History

Read:

Homer: The Iliad

Ovid: Metamorphoses

Aeschylus: Oresteia

Euripides: Medea, Trojan Women, The Bacchae

Watch/ Listen:

Michael Scott [The greatest show on earth – Democracy](#)

The 2022 Classical Association Presidential Interview - [Stephen Fry in conversation with Michael Scott](#)

Prof Dame Mary Beard [Tyranny and Democracy](#)

Prof Dame Mary Beard [Whiteness](#)

Natalie Haynes Stands up for the Classics: [The Odyssey](#)

Natalie Haynes Stands up for the Classics [Penelope](#)

Natalie Haynes Stands up for the Classics [Virgil](#)

Computer Science

A comprehensive list of algorithms https://en.wikipedia.org/wiki/List_of_algorithms

A collection of language and software technologies tutorials <https://www.youtube.com/c/derekbanas>

Book: The Innovators: How a Group of Hackers, Geniuses, and Geeks Created the Digital Revolution by Walter Isaacson

Book: Where Wizards Stay Up Late: The Origins of the Internet by Katie Hafner, Matthew Lyon

Book: Hackers by Steven Levy

Book: Computer Organization and Design Fundamentals by David Tarnoff - an excellent explanation of many aspects of computer system architecture that extends beyond the areas covered in A Level

Book: The Elements of Computing Systems: Building a Modern Computer from First Principles by Noam Nisan and Shimon Schocken - a fantastic book that walks through the process of designing and building a computer, its operating system and programs that it will run starting with nothing but logic gates!

Book: Learning Computer Architecture with Raspberry Pi by Eben Upton - A great explanation of many aspects of computer systems, including CPU architecture, storage, networking, etc., by going in-depth with the design and function of the Raspberry Pi computer.

Online course: CS50 from Harvard University - <https://www.youtube.com/c/cs50>

Online course: MIT OpenCourseware - Introduction to Algorithms - <https://ocw.mit.edu/courses/6-006-introduction-to-algorithms-spring-2020/>

Online course: MIT OpenCourseware - Introduction to Computer Science and Programming - https://ocw.mit.edu/courses/6-00-introduction-to-computer-science-and-programming-fall-2008/video_galleries/video-lectures/

Drama

An Actor Prepares – Stanislavski (The Godfather of naturalistic acting approach)

The Empty Space – Peter Brook (The finest treatise on performance space and the performer's relationship with space)

Augusto Boal – Theatre of the Oppressed

Artaud Podcast - <https://whiteroom-pod.com/twr29-visions-of-artaud/> (Theatre of Cruelty inventor)

A selection of National Theatre productions, tuck in!

<https://www.dramaonlinelibrary.com/series/national-theatre-collection-iid-190464>

Username: 4Bk.7Bu'

Password: 1Hw'7Me+

Economics

Read for interest: Financial Times, The Economist, Economic Review and JSTOR as e-resources through the LRC section of Sharepoint.

An excellent place to start exploring any topic that might interest you is the Very Short Introduction Series from Oxford University Press. Some but not all are in the LRC but they are relatively cheap to buy.

Examples for Economics – Economics, Development, Neo-liberalism; Keynes; Behavioural Economics; Game Theory and for Management – Management, Organisations ,Work.

Examples for Politics – Fascism, Anarchism, Communism, Socialism; for Philosophy Ethics, Utilitarianism

Narrative Economics Robert Shiller

The Magic Money Tree Lorenzo Forni

Thinking, Fast and Slow Daniel Kahneman and Amos Tversky

For those who have applied for Economics/PPE/Finance related courses at university it will be worth acquiring a suitable book to explore an area of interest.

Recommended – The Magic Money Tree and Other Economic Tales (Comparative Political Economy).
Author - Lorenzo Forni

Further Reading List available here:

<https://readingschoolco.sharepoint.com/:w:/g/EUsp2hZQSEBGgNfLY2GpxWYBujMLoG5JYv4IkspDsNHcuw?e=vhORge>

English

- Visit E Magazine online [here](#), and search the archive: login ReadingSchoolALevel password: FittestImpOfFraud
 - “Doing English”: Robert Eaglestone
 - Year 13 critical soundbites [here](#)
 - “Rosencrantz And Guildenstern Are Dead”: Tom Stoppard available [here](#)
 - “Areopagitica”: John Milton available [here](#)
 - “First you Write a Sentence”: Joe Moran
 - “Manifesto”: Bernadine Evaristo
 - “The Dunciad Variorum” Alexander Pope
 - “Don’t Touch my Hair” Emma Dabiri

French

Another book by Delphine de Vigan: Jours sans faim (LRC)

Any book from the “A Level section” of French books in the LRC

News in simple French

<https://theday.co.uk/resources/news-3-fr/>

News of the week

<https://teams.microsoft.com/l/channel/19%3a69kN94UCxbor6VQ2pC8zKuDJR73Ml6bS9AwbAvt5gDs1%40thread.tacv2/General?groupId=45b90701-32ca-4foo-9745-ed41ba87674f&tenantId=dd53a440-fd6a-405e-bbe6-52b1e61e82db>

A famous book: *Le Petit Prince* by de Saint Exupéry

News in slow French

<https://www.newsinslowfrench.com/home/news/advanced>

Podcasts on French actresses

<https://www.newsinslowfrench.com/series/5/season/1/chapter/7/intermediate>

Playlist on French rap

<https://open.spotify.com/playlist/oMF1XGKzqqeLoZHeqMrq7R>

Playlist on French pop

<https://open.spotify.com/playlist/2sk8xNt1IHG9zOgf4mAf2r>

Podcast on the news of the day with Hugo Décrypte

<https://open.spotify.com/show/6y1PloEyNsCNJH9vHias4T>

Another film by Mathieu Kassovitz: *Les Rivières Pourpres* (no subs)

<https://readingschool.planetestream.com/View.aspx?id=5305~4n~NRVw9cmK&code=V6~VoCT7kKHK8fMHTIx9LNFfmpspkQB6yxTg7AmaVoqtdEfdeIVVOBh3rvv4hCdLAiVjKefM7fNmM3gvrX>

Another film on la banlieue: *Divines* (available on Netflix)

A series: *Lupin* (available on Netflix)

A webseries: *Les Dissociés*

https://www.youtube.com/watch?v=5LUBIW7zqBO&t=1s&ab_channel=GoldenMoustache

A short film: *Derrière la porte*

https://www.youtube.com/watch?v=bbYSZp693Dk&ab_channel=JulienPestel

Geography

| <u>Human</u> | <u>Physical</u> |
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| <p>Human Geography</p> <p><i>Invisible China: How the Urban-Rural Divide Threatens China's Rise</i>, Scott Rozelle and Natalie Hell</p> <p>Invisible China: How the Urban-Rural Divide Threatens China's Rise Scott Rozelle and Qin Gao - YouTube</p> <p>This is London: Life and Death in the World City (Ben Judah)</p> <p>The Silk Roads: A New History of the World by Peter Frankopan</p> <p>Techno music. Detroit and social change: a critical geographical exploration through the lens of race and class – Routes (routesjournal.org)</p> <p>Exploring the enhanced spatial marginalisation of women and LGBTQ+ people as a result of the Covid-19 pandemic in the UK – Routes (routesjournal.org)</p> | <p>Ilan Kelman - Disaster by Choice: How our actions turn natural hazards into catastrophes – Available in the LRC</p> <p>Oliver Morton - The Planet Remade: How Geoengineering Could Change the World – Available in the LRC</p> <p>David Wallace-Wells - The Uninhabitable Earth: A Story of the Future – Available in the LRC</p> <p>Richard Lloyd Parry - Ghosts of the Tsunami</p> <p>Robert Muir-Wood - The Cure for Catastrophe: How We Can Stop Manufacturing Natural Disasters</p> <p>Hodder Geography Review Magazine – Available through the LRC online</p> |

[Two competing goals: can sustainability and development ever be compatible? – Routes \(routesjournal.org\)](#)

<https://youtu.be/3VbCVANKpSo> - Culinary connections, globalisation and changing places – Professor Philip Crang

<https://youtu.be/motnkyj6spg> - Great power competition and the contested governance of the High North – Professor Klaus Dodds

[How this border transformed a subcontinent | India & Pakistan - YouTube](#)

[Geography Review – Hodder Education Magazines](#)

Suggested articles from recent editions:
Monitoring Tectonic Processes from Space
Marine protected Areas on the high seas
California's wildfires and debris flow
Coastal sand dunes: storms and (over-)stabilisation

The Economist - **All articles available for free via LRC login**

Suggested articles:

2019 - Climate change is a remorseless threat to the world's coasts

2022 - The challenge of coastal erosion in Britain

2022 - Miami's submarine future

2017 - Weather-related disasters are increasing

German

<https://www.newsinslowgerman.com/>: News with transcript which will give you the English translations for difficult words. This is a good way to improve your German.

<https://slowgerman.com/>: This site provides podcasts about different topics. It includes a transcript.

<https://www.tagesschau.de/100sekunden/>: News in 100 seconds is a step up from the slow news. It will be difficult to start with- so don't give up. You will see a rapid improvement of your listening skills.

<https://www.youtube.com/user/MrWissen2go>: It offers different topics to choose from. You can slow down the speaker if necessary and not just improve your German but also your general knowledge.

History

Read – Digging for Richard III: How Archaeology found the King by Mike Pitts

The Global Cold War by Odd Arne Westad [Odd Arne Westad Chapter 0 .pdf](#)

Two views on the Marshall Plan [Two views on Marshall Plan.docx](#)

Listen - [Not Just the Tudors on Apple Podcasts](#)

Watch - [England's Reformation: Three Books That Changed a Nation - Planet eStream](#)

Mathematics

Logic puzzle video. As part of showing the solution to the puzzle, goes through mathematical problem solving techniques

https://www.youtube.com/watch?v=6hVPNONm7xw&ab_channel=GoingNull

History of calculus video

[This Is the Calculus They Won't Teach You - YouTube](#)

Interactive article about whether the reader can generate numbers randomly

[CalmCode Blog: An Inverse Turing Test](#)

[How do you prove a prime is infinitely fragile? - YouTube](#)

[All about Infinity \(maths.org\)](#)

Music

https://blackwells.co.uk/bookshop/product/9780393668155?gC=5a105e8b&gclid=CjoKCOjw-fmZBhDtARIsAH6H8qhAMTW-nDwpwMn7pQc9bwPqKAMbR7mG6xF4tiXaJoDNdZflzLkL5poaAogtEALw_wcB

<https://podcasts.apple.com/gb/podcast/the-jazz-podcast/id1199948722>

[Music Matters - YouTube](#); Introduction to Bach Chorales

Physical Education

[PE Review Archives - Hodder Education Magazines](#)

Peak Performance: Elevate your game, avoid burnout and thrive with the new science of success

Brad Stulberg

The Playbook, A Coach's Rules for Life (15) Netflix

Physics

Theory of Relativity:

<https://readingschoolco.sharepoint.com/:b:/r/Shared%20Documents/LRC/Reading%20Week%202022/Theory%20of%20Relativity.pdf?csf=1&web=1&e=SPXVta>

Relativity, a very short introduction:

<https://readingschoolco.sharepoint.com/:b:/r/Shared%20Documents/LRC/Reading%20Week%202022/Relativity-A-Very-Short-Introduction.pdf?csf=1&web=1&e=ca8zn7>

We have no Idea: a guide to the unknown universe - Jorge Cham

Spanish

News, films and documentaries to understand Hispanic culture and increase vocabulary.

Noticias en español

[América Latina - BBC News Mundo](#)

Recomendaciones de Netflix

- Cultura Argentina:

The two Popes (How Benedict become the Pope? How was his life back in Argentina? What influence had the Argentinian dictatorship made in Benedict's life?) – La influencia de la iglesia católica

- Cultura española:

¡Ay, mi madre! (comedia) – Los valores tradicionales y modernos

My grandama's a lesbian - Mi abuela es lesbiana (comedia) – Los valores tradicionales y modernos

Bomb scared - Fe de etarras – (comedia satírica) – ETA Independencia Vasca

Ahí te encargo (comedia) – La igualdad de los sexos

- Documentales:

La Defensa, por la libertad – Guerra Civil Española

Two Catalonias – Independencia de Cataluña

Recomendaciones de BBC

- Conociendo Sudamérica - BBC One - Simon Reeves Series

[BBC iPlayer - Simon Reeves South America](#)

[BBC iPlayer - Colombia with Simon Reeve](#)

[BBC iPlayer - Equator - 3. Latin America](#)

1. <https://andrewmbailey.com/religion/readings/Plantinga.pdf> p: 1-29
2. [Evolution, morality and being human: Do we need God to be good? » The Big Conversation](#)
3. [Phronesis \(Practical Wisdom\) as a Type of Contextual Integrative Thinking](#)

Accessing resources from the LRC

Using the LRC Before Reading Week

- By the start of October half-term, all year 7, year 9 and year 12 pupils will have been invited to the LRC to discover the range of resources available to them both within school and from home. New students should have received a Guide to Using the LRC and those embarking on research projects should have received our Eresources Guide.
- All pupils can borrow books from the LRC for Reading Week. Fiction holiday loans start from Monday 10th of October and non-fiction holiday loans start from Monday 26th of September. This means if you borrow a book from these dates, it will be due back when you return following Reading Week.

E-Resources Available From Home 24/7

The LRC subscribes to a range of high quality e-resources that can be accessed from home. An alphabetical list, complete with links and login details can be found on here <https://readingschoolco.sharepoint.com/SitePages/LRC%20E-Resources.aspx>

This includes two ebook platforms. Both platforms can be accessed using pupil Office 365 logins:

VLeBooks is a small ebook library and provides access to both fiction and non-fiction ebooks. Books can be read online. You can access VLeBooks via this link www.vlebooks.com. This includes 6th form wider reader titles. You can also preview books we do not own. To request a book we do not own, please email lkesteven@reading-school.co.uk.

ePlatform by Wheeler's is our new ebook and audiobook platform found here: <https://readingschool.eplatform.co>

The ePlatform library catalogue is full of bestselling, popular fiction titles. Students can have 2 books out on loan at any one time, and they will automatically return after 2 weeks, or students can return them early in order to loan a new book. The eBooks can be read on a computer, laptop, or through the free App on your tablets or smartphones. [Reading through your web browser on a laptop or computer](#)

Students can browse the collection or search for a specific book title, author or publisher and loan the book they choose. It is then assigned to them for the 2-week period.

Reading through the App

To download the App, search "ePlatform" in the App store and download. Click on the app and you will then need to search for the library which will be Reading School. Once you start typing, it will bring up the school on the list. Click the 3 little lines in the top left corner and select sign in. Using the App, the books will be temporarily downloaded to the device so students will not need internet connections once the book has been loaned to read, great for travelling!

To access these resources, visit the LRC (Learning Resources) area of SharePoint and navigate to the eResources section. You can also click this link.

| | Current Affairs & P S H F | Art | Biology | Chemistry | Classics | Drama | Economics | Eng. & Com. Sci. | English | EPQ | Geography | History | Mathematics | MFL | Music | PE | Physics | Religious Studies |
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| Britannica | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| British Medical Journal | | | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | <input type="checkbox"/> | | | | | | | <input type="checkbox"/> | |
| The Economist Online | <input type="checkbox"/> | | | | | | <input type="checkbox"/> | | | | | | | | | | | |
| Hodder Magazine Online Archive (Review Magazines) | | | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Issues Online | <input type="checkbox"/> | | <input type="checkbox"/> | | | | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | <input type="checkbox"/> | | <input type="checkbox"/> |
| Complete Issues | <input type="checkbox"/> | | <input type="checkbox"/> | | | | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | <input type="checkbox"/> | | <input type="checkbox"/> |
| JSTOR | | <input type="checkbox"/> | | | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |
| The Day | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Some of these resources require passwords, which are available from the LRC eResources page on SharePoint.

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| Britannica | An online multimedia encyclopaedia accessible at three different language levels. Includes good quality information on a huge range of different topics. |
| British Medical Journal | Online version of the weekly medical journal |
| The Economist Online | Provides insight and opinion on international news, politics, business, finance, science and technology. |
| Hodder Magazine Online Archive (Review Magazines) | Written by board examiners, so is great for A-Level students. Ten titles accessible online, including Economic Review. |
| Issues Online | Excellent source of information, including statistics, on a wide range of social issues. |
| Complete Issues | Useful for articles on a wide range of current social issues. |
| JSTOR | JSTOR is an online archive of core scholarly journals in a wide variety of disciplines. |
| The Day | Inspiring students and teachers with topical case-studies and real world examples - using the news to bring subjects to life. |