

Pre Course Reading – Transition to 6th Form Work

Context

Our pre-course reading material is designed to provide you with a head start in your Year 12 studies. This preparation is crucial, as extensive research highlights the importance of wider reading in enhancing academic performance. Engaging with supplementary texts not only contextualises your learning but also fosters a deeper understanding of the subject matter.

Studies have shown that students who engage in wider reading around their subjects develop critical thinking skills, improve their ability to make connections between concepts, and are better prepared for advanced coursework. By beginning Year 12 with a comprehensive grasp of some key content, you will be well-equipped to excel in your studies and make meaningful contributions to class discussions.

Subjects we offer pre course reading links for include:

- Drama
- Film Studies
- English Language
- English Literature
- Religious Studies
- Biology
- Chemistry
- Physics
- Psychology
- Sociology
- History
- Geography
- Politics
- Business
- Economics
- Art and Design
- French
- Spanish
- Maths
- T Level Science
- T Level Health
- T Level Business
- T Level Digital Production

**Computer science, further maths, and music are exclusively taught at Wimbledon College, so they do not appear on our reading list below.*

Subject	Pre course wider reading task with links
Drama	<p>Watch Antigone by Sophocles adapted by Don Taylor at the National Theatre https://www.dramaonlinelibrary.com Username: 9OnA1Wczt* Password: 0GdA2Lp/v%</p>
Film Studies	<p>Watch Rear Window by Alfred Hitchcock: Rear Window - ITVX</p>
English Language	<p>Watch video entitled, <i>Steven Pinker: Linguistics as a Window to Understanding the Brain</i> <i>Big Think</i> https://www.bing.com/videos/riverview/relatedvideo?q=steven%20pink%20language%20over%20time&mid=B845859C86CE85229CB5</p> <p>Listen to the University of Oxford podcast about language change over time: Language and History University of Oxford Podcasts</p>
English Literature	<p>Listen to the following podcast on Frankenstein: In Our Time - Frankenstein - BBC Sounds</p> <p>And this podcast on Oscar Wilde: In Our Time - Oscar Wilde - BBC Sounds</p>
Religious Studies	<p style="text-align: center;">Reading list for Philosophy of Religion and Ethics (http://www.alevelphilosophy.co.uk/resources/recommended-reading/#religion)</p> <p>PHILOSOPHY OF RELIGION</p> <p>General introductions</p> <ul style="list-style-type: none"> • Clack, B. & Clack, B. The Philosophy of Religion: A Critical Introduction (2nd ed), Polity Press 2008 <p>Collections</p> <ul style="list-style-type: none"> • Davies, B. (ed.) Philosophy of Religion: a Guide and Anthology, OUP 2000 • Davies, B. (ed.) <i>Philosophy of Religion: a Guide to the Subject</i>, Cassell 1998 • Mitchell, B. (ed.) The Philosophy of Religion, OUP 1971 • Palmer, M. The Philosophy of Religion: A Commentary and Sourcebook, Lutterworth 2008 • Quinn & Taliaferro (ed.) <i>A Companion to Philosophy of Religion</i>, Blackwell 1999 <p>More focused topics or approach</p> <ul style="list-style-type: none"> • Baggini, J. Atheism: a Very Short Introduction, OUP 2003 • Hughes, G. Is God to Blame? (on the problem of evil), Veritas 2007

	<ul style="list-style-type: none"> • Swinburne, R. The Coherence of Theism, Clarendon Press 1993 • Timpe, K. <i>Arguing About Religion</i>, Routledge 2009 • Vardy, P. <i>The Puzzle of God</i>, 3rd ed., Fount 1999 <p>Some useful philosophical videos</p> <ol style="list-style-type: none"> 1. Home planting-a-videos (plantingavideos.com) Some useful short video interviews on key philosophical questions 2. http://podcasts.ox.ac.uk/26-david-hume Video Podcast about David Hume 3. http://podcasts.ox.ac.uk/43-cartesian-dualism Video Podcast on Descartes' dualism <p>Religion and Ethics</p> <ul style="list-style-type: none"> o Spend one hour exploring the information below from YouTube and the internet. o Make notes as you listen and read through them. <p>https://www.youtube.com/watch?v=r_UfYY7aWko</p> <p>https://www.youtube.com/watch?v=9lQqKHVhJ0g</p> <p>http://www.aquinasonline.com/Topics/natlaw.html</p> <p>http://www.rsrevision.com/Alevel/ethics/revision/natural_law_aspects_of_theory.pdf</p>
Biology	<p>Specification</p> <p>A good place to start is to familiarise yourself with module 2 of the A level course. This is what you will be learning in the Autumn term, and it consists of all the core content that is built upon in the next two years.</p> <p>https://www.ocr.org.uk/Images/687834-download-a-level-specification.pdf</p> <p>Task 1: Use the specification and the links below to make an A4 summary of one of the following topics that you will be studying at the start of your course:</p> <ul style="list-style-type: none"> - Carbohydrates (monosaccharides) - https://www.savemyexams.com/a-level/biology/ocr/17/revision-notes/2-foundations-in-biology/2-2-biological-molecules/2-2-3-monosaccharides/ - Proteins - https://www.savemyexams.com/a-level/biology/ocr/17/revision-notes/2-foundations-in-biology/2-2-biological-molecules/2-2-11-protein-structure/ - Lipids

	<ul style="list-style-type: none"> - https://www.savemyexams.com/a-level/biology/ocr/17/revision-notes/2-foundations-in-biology/2-2-biological-molecules/2-2-8-lipids-structure--function/ - Cell structure of eukaryotic cells - https://www.savemyexams.com/a-level/biology/ocr/17/revision-notes/2-foundations-in-biology/2-1-cell-structure/2-1-5-eukaryotic-cells/ <p>Task 2: Research the biology behind a news story that has recently caught your interest. Be prepared to share your findings when you start in September. If you don't know where to look, use these links: https://www.theguardian.com/science https://www.bbc.co.uk/news/science_and_environment https://www.independent.co.uk/news/science</p> <p>Recommended: CGP Headstart to A level Biology Textbook https://www.amazon.co.uk/Head-Start-level-Biology-Level/dp/1782942793/ref=asc_df_1782942793/?tag=googshopuk-21&linkCode=df0&hvadid=697215106000&hvpos=&hvnetw=g&hvrnd=16613083158441140513&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=9045909&hvtargid=pla-564535130349&psc=1&mcid=7b6eaca604df3fdb971cded7a570c6a4&th=1&psc=1&gad_source=1</p>
Chemistry	<p>Task 1: Please complete the virtual experiment (task 1 only!). Save your lab report at the end (or take a screenshot) for checking at the beginning of term. Titration screen experiment (rsc.org)</p> <p>Task 2: Listen to the 'Weirdness of water' podcasts: Episode 1 Episode 2 Think about what this tells you about the different types of chemical bonding.</p> <p>Recommended: CGP have produced a 'Headstart to A level Chemistry' guide.</p> <p>Recommended TedEd video playlists:</p> <p>What sticky sea creatures can teach us about making glue</p> <p>A robot that eats pollution</p> <p>The incredible chemistry powering your smartphone</p> <p>The future of psychedelic-assisted psychotherapy</p>

<p>Physics</p>	<p>Where can studying physics take you? Inspiring the next generation of female engineers Debbie Sterling TEDxPSU - YouTube What is the point in studying Physics? The fascinating physics of everyday life Helen Czerski (youtube.com) Is everything I learnt about Physics at GCSE wrong? (It isn't) Misconceptions About Temperature (youtube.com) The Big Misconception About Electricity (youtube.com)</p>
<p>Psychology</p>	<p>For Psychology - watch these three TED talks on the topics of social influence, memory and racial bias.</p> <p>https://www.ted.com/talks/philip_zimbardo_the_psychology_of_evil?delay=0s&subtitle=en</p> <p>https://www.ted.com/talks/elizabeth_loftus_how_reliable_is_your_memory?delay=0s&subtitle=en</p> <p>https://www.ted.com/talks/jennifer_Leberhardt_how_racial_bias_works_and_how_to_disrupt_it</p>
<p>Sociology</p>	<p>Watch both episodes of the fascinating Ed Stafford documentary 60 days with the gypsies (Episodes 1 and 2): https://www.channel4.com/programmes/60-days-with-the-gypsies</p> <p>The documentary covers many of the key themes of the course. Pay particular attention to:</p> <ul style="list-style-type: none"> • Differing norms and values • Attitudes to education • Laws being applied by the powerful to control behaviour (Episode 2) • Gender roles within the family • Beliefs and superstitions • The advantages and disadvantages of ethnography (research immersing yourself in another culture)
<p>History</p>	<p>Task 1: to prepare for the Tudor paper, watch the following Documentary (British History's Biggest Fibs With Lucy Worsley - Episode 1: War of the Roses) and answer the questions: https://www.dailymotion.com/video/x81ocsv</p> <ol style="list-style-type: none"> 1. What is the story of the Battle of Stubbins in the Wars of the Roses? 2. What were the 2 sides in the Wars of the Roses? 3. What happened in 1461 on the 29th March and why was it exceptional?

	<ol style="list-style-type: none"> 4. What happened at the Battle of Bosworth according to the Tudors and Shakespeare? 5. What problems did Henry VII face immediately after Bosworth? 6. How did Henry use the story of the War of the Roses to solve his problems? 7. How did Historians under Henry VII manipulate the Wars of the Roses? 8. How did Henry VIII continue the propaganda started by his father? 9. What problems did Elizabeth I have when she became queen? 10. How did she use the War of the Roses to help her? 11. How and why did Shakespeare write about the Wars of the Roses in the 1590s? 12. How did the Stuarts use the tale of the Princes in the Tower? 13. Where does the name 'Wars of the Roses' come from? 14. What is Whig History and what was its view of the Wars of the Roses? 15. How have the Wars of the Roses continued into the 20th century? 16. What is the view of 'Good King Richard'? 17. What is the link with a car park in Leicester? 18. Do you agree more with the Henry Tudor Society or the Richard II Society? Why? <p>Task 2: to prepare for the Germany paper</p>
Geography	<p>For Paper 2 (Human Geography) - visit this page from the Royal Geographical Society - '<i>Migration, diasporas and remittances during Covid-19</i>'. Listen to the podcasts and complete the worksheets.</p> <p>For Paper 1 (Physical Geography) – read this article and note how travel and climate change are linked. Also, listen this podcast related to the important role forests play in the carbon cycle.</p>
Politics	<p>The nature of Politics means that it is always changing – this is what makes it such an exciting subject.</p> <p>In late August, watch the most recent video from 'The News Agents' - they will be discussing the topical issues in Politics https://www.youtube.com/playlist?list=PLVzglU3p2cohu4eyEl82ZM4foTWwNxeVi.</p> <p>You also need to understand what each political party stands for so watch this podcast which explains the main parties' manifestos https://www.youtube.com/watch?v=EQ6KUg5i800</p>
Economics	<p>Please watch:</p> <ol style="list-style-type: none"> 1. Principle of economics translated - https://www.youtube.com/watch?v=VVp8UGjECt4

	<ol style="list-style-type: none"> 2. Studying economics - http://www.studyingeconomics.ac.uk/the-little-bits-we-like/video-clips/ 3. Real Value - http://topdocumentaryfilms.com/real-value/ 4. Top Documentaries - http://topdocumentaryfilms.com/category/economics/ 5. The Invisible Hand - https://www.youtube.com/watch?v=ulyVXa-u4wE 6. The Big Short - https://www.youtube.com/watch?v=vqG3lTMv1Q <p><u>Task 1: What is Economics?</u></p> <p>Produce a fact file that answers the question: <i>what is economics?</i></p> <p>(You must include a "Production Possibility Frontier" in your answer and also real world examples of issues in society that concern economists.)</p> <p><u>Task 2: Why do some women earn less than men for the same job?</u></p> <p>Students must collect at least 4 pieces of evidence (e.g. research reports, news articles, etc.) which attempt to explain why there is a difference in earnings between the genders. Then write an essay explaining the key reasons for the gender pay gap from a perspective of economics.</p> <p><u>Task 3: Should Brexit voters be considered "Turkeys voting for Christmas"?</u></p> <p>Students prepare a PowerPoint presentation explaining the economic arguments for and against the UK leaving the European Union, ending with a well-supported judgement as to whether voting to leave the EU was a good idea.</p>
Business	<p>Please watch the video below: 18-Year-Old Entrepreneur WOWS Dragons Dragons' Den - BBC (youtube.com)</p> <p>Read this brief article on entrepreneurship: What It Means to Be an Entrepreneur (businessnewsdaily.com)</p> <p>Some questions for you... use examples you have come across</p> <ol style="list-style-type: none"> 1) How can understanding business help you turn your passion into a successful career or enterprise? 2) What strategies do successful companies use to stay ahead of the competition and innovate in their industries? 3) How do businesses balance making a profit with being socially responsible and ethical?

Art and Design

Y11 Art into Y12 Transition task. - Gallery Visit & review of Artwork.

Aim: Develop understanding of the art world & artists and find ideas & inspiration.

Task: Visit an art exhibition of your choice and write a review of your favourite art piece or artist's work. You could look at any 2 or 3 - dimensional artwork, or an installation or immersive experience – there are no limitations. Be creative.

Make a note of the artist's name, date, materials and take a photo to document the artwork with your review. You will share your ideas with other artists.

The review should be written in 10-15 sentences.

Include answers to the following questions in the review:

- What did you find interesting, exciting about this artwork? (Is it the idea/ concept? Is it the interesting technique/ process? Do you like the texture / perspective/ colour schemes? Use key words of art to help you analyse the work (line, shape, form, texture, pattern, composition, colour, tone)
- What impact did it make on you? What did you feel when you saw it?
- How could you use this style/ method/ use of materials/ processes to create own work?

Galleries to consider (they have free collections – check online):

Tate Modern Gallery - <https://www.tate.org.uk/visit/tate-modern>

Tate Britain Gallery - <https://www.tate.org.uk/visit/tate-britain>

Serpentine North Gallery: <https://www.serpentinegalleries.org/>

Saatchi Gallery : <https://www.saatchigallery.com/>

V&A Museum, South Kensington: <https://www.vam.ac.uk/whatson>

National Gallery: <https://www.nationalgallery.org.uk/>

National Portrait Gallery: <https://www.npg.org.uk/>

South London Gallery: <https://www.southlondongallery.org/whats-on/>

British Museum <https://www.britishmuseum.org/>

Imperial War Museum <https://www.iwm.org.uk/>

*You can see an exhibition at a local gallery (example Wimbledon Village) or find artwork in a park etc.

***Extra Challenge task:** Try to create own response to the artist's style / technique.

<p>French</p>	<p>Watch the video and read the article below the video. C'est quoi, le patrimoine ? - 1jour1actu.com and make notes</p> <p>Research and listen to key francophone artists / hits from 1950 to 2020s Variété française : La playlist des meilleurs titres - Hit-Parade note some of your favourite ones from each decade + explain your choice</p> <p>Watch selection of videos of the current French government and political system: Élections législatives : des vidéos pour mieux comprendre (1jour1actu.com)</p> <p>Read the article and watch the video about inclusive writing C'est quoi, l'écriture inclusive ? (1jour1actu.com)</p> <p>French grammar- read pages 1 to 19 of the Complete French grammar book pdf version= pages 15 to 33 of the online document (present tense patterns, regulars / irregulars RE / IR / RE) and complete exercises on each section.</p> <p>Complete French Grammar.pdf - Google Drive</p> <p>Or here: Complete French Grammar.pdf</p>
<p>Spanish</p>	<p>Read the article about San Fermín: ¿Qué es Sanfermin? - Sanfermin.com</p> <p>Read the article about 'La Tomatina': La Tomatina: Historia y significado en España (festivalesdelmundo.net)</p> <p>Listen to the podcast on 'La música': Sobremesa Podcast Podcasts LaMusica</p> <p>Listen to the video clip 'La dieta mediterránea': Ejercicio de escucha: la dieta mediterránea (1) - introducción (ver-taal.com)</p> <p>Read the texts and complete the phrases online, then make notes: Mujeres del mundo hispano La página del español (paginadelespanol.com)</p>
<p>Maths</p>	<p>A brief history of Mathematics: Hardy and Ramanujan</p> <p>A Brief History of Mathematics - Hardy and Ramanujan - BBC Sounds</p>
<p>T Level Business</p>	<p>PESTLE Analysis</p> <p>An effective way to analyse key features of the external environment that can impact a business, is to use PESTLE analysis. Undertaking a PESTLE Analysis is an important core skill that we will learn and apply throughout Year 12. Please read the CIPD PESTLE Analysis factsheet and watch the two videos on PESTLE analysis:</p> <p>Article: CIPD PESTLE analysis https://www.cipd.org/uk/knowledge/factsheets/pestle-analysis-factsheet/</p> <p>Video 1 (8 minutes, 42 seconds) Tutor 2u – PESTLE Analysis Explained https://www.youtube.com/watch?v=sP2sDw5waEU</p>

	<p>Video 2 (9 minutes, 14 seconds) Two Teachers – PESTLE Analysis Explained Linked to Amazon https://www.youtube.com/watch?v=F0KQ-h6v3-s</p> <p>Organisational Roles Every business has an organisational structure or hierarchy that clearly defines the various roles within the company.</p> <p>The Dragons Den star Stephen Bartlett acquired many skills from an early career that he has transferred to the organisational role of CEO (Chief Executive Officer). Please watch this short video from Stephen Bartlett. https://www.bbc.co.uk/news/av/business-59565973</p> <p>Please read this short article from Indeed.com. This gives an overview of ‘Essential Business Roles and Their Responsibilities’ https://uk.indeed.com/career-advice/career-development/business-roles</p> <p>Business Objectives – Why Set Objectives ? Setting business goals and objectives is important to business success. This article from Harvard Business School provides an insight into this. https://online.hbs.edu/blog/post/business-goals-and-objectives</p>
T Level Digital	<p>Some links are provided to help you be ready for python coding. Use these to work with and see if you can use the tutorials to help teach you some coding.</p> <p>Thonny, Python IDE for beginners – Allows you to practice coding in python for beginners</p> <p>Digital T Level (DPDD) ESP Task 4a (SAM) - YouTube – Help take you through a project for Digital T-Level by another teacher</p> <p>Python Tutorial (When you’re at ‘Python Basics it has clear tutorials and explains all the commands, I extremely recommend going through each section)</p> <p>Learn PYTHON - CodersLegacy (Similar to the last links and includes extra examples)</p> <p>(35) Python Tutorial - Python Full Course for Beginners - YouTube (Make sure to open the chapters to see the specific topics he covers)</p> <p>Wider reading opportunity</p> <p>Have a read of this article and pick out what the ethical implications of the use of technology is on sport.</p> <p>Ethical Issues Related to Technology Use in Sport - HSC PDHPE</p>

T Level Health	<p>Florence Nightingale Museum London – Visit the Florence Nightingale Museum in London and discover the world's most important collection of material relating to the founder of modern nursing, a celebrated English social reformer and statistician (florence-nightingale.co.uk)</p> <p>medicalmuseums.org</p> <p>A Beginner's Guide to Evidence-Based Practice in Health and Social Care (mhebooklibrary.com)</p>
T Level Science	<p>James Watson: DNA: The Secret of Life The Double Helix: Personal Account of the Discovery of the Structure of DNA</p> <ol style="list-style-type: none"> 1. http://www.ibiblio.org/virtualcell/index.htm – An interactive cell biology site 2. http://www.accessexcellence.org/RC/VL/GG – A web site showing illustrations of many processes of biotechnology 3. http://www.uq.oz.au/nanoworld – Visit the world of electron-microscopy 4. http://www.dnai.org/a/index.html – Explore the genetic code 5. http://nobelprize.org – Details of the history of the best scientific discoveries 6. http://nature.com – The site of the scientific journal 7. http://royalsociety.org – Podcasts, news and interviews with scientists about recent scientific developments 8. http://www.nhm.ac.uk – The London Natural History Museum’s website with lots of interesting educational material 9. http://www.bmj.com – The website of the British Medical Journal 10. http://www.bbc.co.uk/news/science_and_environment - The BBC news page for Science and the Environment