

# The Cardinal Wiseman School

## 6<sup>th</sup> Form



**Key Stage 5**

**The Super Curriculum**

# The Super Curriculum

Super curricular activities are those that take your regular learning further. They take the subjects you study in the classroom beyond that which your teacher has taught you or what you've done for homework. For example, you may go into more depth on a topic you've learned about in a lesson, or learn about a new topic altogether.

These activities are normally in the form of extra reading but they can take many other forms, like watching videos online, downloading podcasts, attending lectures, visiting museums or entering academic competitions.

Engaging in super curricular activities will help you develop a love for your favourite subject or subjects. In this booklet there are a range of activities, suggested by your teachers. They are by no means exhaustive lists but should get you started. I would encourage you to share ideas and opportunities you come across with your teachers so that, over time, the recommended activities in this booklet can grow.

In the future, employers or universities will be interested to hear about what super curricular activities you have engaged in; they will be interested in what you have learned as well as being impressed by your efforts.

I wish you well in your pursuit of super curricular activities!

Mrs M Harper  
6<sup>th</sup> Form Academic Coordinator  
Cardinal Wiseman High School



**Cardinal Wiseman School Sixth Form**  
**Super Curriculum – Year 12**  
**Subject: Biology**



 <p><b>The immortal life of Henrietta Lacks</b> by Rebecca Skloot. About HeLa cells and the ethics behind it</p>	 <p><b>The ancestor’s tale</b> by Richard Dawkins. You don’t need to read it cover to cover, just dip into the chapters that interest you</p>	 <p><b>A Short History of Nearly Everything</b> by Bill Bryson. This is really accessible read that will re-familiarise you with common concepts and introduce you to some of the more colourful characters from the history of science</p>
 <p><b>Download and listen to podcast “The infinite Monkey Cage”</b></p>	 <p><b><u><a href="#">Extension Task – The digestion of lactose and lactose intolerance</a></u></b>          (Answer can be found on FROG)</p>	 <p><b><u><a href="#">Extension Task – Amino acids, proteins, enzymes</a></u></b>          (Answer can be found on FROG)</p>
 <p><b><u><a href="#">Growing a new Organs</a></u></b></p> 	 <p><b><u><a href="#">Crash course videos</a></u></b></p> 	 <p><b><u><a href="#">Secret Universe, The Hidden Life of a cell</a></u></b></p> 
 <p><b><u><a href="#">Research on cell structure and antibiotic resistance</a></u></b></p> 	 <p><b><u><a href="#">Research about the changing of women and diversity in science</a></u></b></p> 	 <p>Create a twitter account follow 10 relevant biology organisations e.g. Royal Society of Biology, New Scientist, Nature, BBC, Science News</p>
 <p><b>Mini Essay on the topic: The importance of specific shapes of molecules in organisms</b></p>	 <p><b><u><a href="#">Cornell Notes</a></u> on any Chapter you find difficult (Chapter 1-10)</b></p> 	 <p>Science Museum London</p>

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 13  
Subject: Biology**



 <p><b>Junk DNA by Nessa Carey.</b> This book really deepens your understanding of all the work you will do on Genetics</p>	 <p><b>The Red Queen by Matt Ridley.</b> It's all about sex, or sexual selection at least. This book will help your understanding of evolution and the fascinating role of sex in evolution</p>	 <p><b>DNA: The Secret of Life</b> by James Watson. Discover the story of the amazing molecule since its discovery fifty years ago</p>
 <p><a href="#">Can we inherit trauma from our ancestors, and the secret to dark liquid dances</a></p> 	 <p><a href="#">Saltwater Marsh – Succession</a> (Answers can be found on FROG)</p>	 <p><a href="#">Create a DNA fingerprint</a></p> 
 <p><a href="#">Epigenetics and the influence of our genes</a></p> 	 <p><a href="#">A-level Biology Tutorials</a></p> 	 <p><a href="#">Gene Therapy -- The time is now</a></p>   <p><a href="#">Lorenzo's Oil</a> Based on a true story about a boy that suffers from autoimmune disease. Available for purchase on YouTube</p>
 <p><a href="#">Effects of mitochondrial diseases and treatment</a></p> 	 <p><a href="#">Your own brine shrimp ecosystem</a></p>	 <p>Essay task: The importance of responses to changes in the internal and external environment of an organism.</p>
 <p>Create <a href="#">Cornell Notes</a> on the difference between photosynthesis and respiration</p> 	 <p>Oxford University Museum of Natural History</p>	 <p>Kews Gardens London</p>

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**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: Business**



 Ten Business Review: Feb 2017, Vol 23 Number 3, <i>Ten things you never knew about the product life cycle</i> , Pgs 16-17.	 Business Review: Feb 2017, Vol 23 Number 3, <i>The Fashion Trade</i> , Pgs 25-26.	 Business Review: Sept 2018, Vol 25, Number 1, <i>Ten things you need to know about labour turnover</i> Pgs 16-17
 Business Review: Apr 2019, Vol 25 Number 4, <i>Amazon stakeholder mapping</i> , pages 8-10	 Business Review: Apr 2019, Vol 25 Number 4, <i>Ten things you need to know about leadership</i> , pages 16-17	 Business Review: Apr 201, Vol 23 Number 4, <i>Made in Britain?</i> Pages 26-27
 <b>What is Business - Connection Wall Revision Activity</b>  <a href="https://www.tutor2u.net/business/reference/3-1-what-is-business-connection-wall-revision-activity">https://www.tutor2u.net/business/reference/3-1-what-is-business-connection-wall-revision-activity</a>	 <b>Big Data</b>  <a href="https://www.tutor2u.net/business/reference/big-data-explained">https://www.tutor2u.net/business/reference/big-data-explained</a>	
 <b>AQA A Level Business Study Resources for 3.1 - What is Business?</b>  <a href="https://www.tutor2u.net/business/collections/aqa-a-level-business-study-resources-what-is-business">https://www.tutor2u.net/business/collections/aqa-a-level-business-study-resources-what-is-business</a>	 Produce revision materials for Unit 1 What is Business? <b>Understanding the nature and purpose of business</b> pgs 2-16, <b>Understanding different business forms</b> pgs 17-31, <b>Understanding that businesses operate within an external environment</b> pgs 32-44	
 <b>AQA A Level Business Study Notes: 3.3 - Decision-Making to Improve Marketing Performance</b>  <a href="https://www.tutor2u.net/business/collections/aqa-a-level-business-study-notes-3-3-decision-making-to-improve-marketing-performance">https://www.tutor2u.net/business/collections/aqa-a-level-business-study-notes-3-3-decision-making-to-improve-marketing-performance</a>	 Monday, March 30, 2020 - London White City Tuesday, March 31, 2020 - London White City	

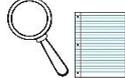
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**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 13  
Subject: Business**



 <b>Business Review:</b> Feb 2017, Vol 23 Number 3 <i>What Effect will Brexit have on UK businesses?</i> Pages 8-10	 <b>Business Review:</b> Feb 2017, Vol 23 Number 3, <i>BP Swot Analysis</i> Pgs 21-23	 <b>Business Review:</b> Sept 2018, Vol 25, Number 1, <i>The Culture at Snapchat</i> , pages 20-21
 <b>Business Review:</b> Sept 2018, Vol 25, Number 1, <i>Effects of protectionism</i> , pages 25-27	 <b>Business Review:</b> Sept 2018, Vol 25, Number 1, <i>Asda and Sainsbury's Another doomed takeover</i> pages 8-10	 <b>Business Review:</b> Sept 2018, Vol 25, Number 1, <i>Bartlett and Ghoshal</i> pages 11-13
 <b>The Edge in AQA A Level Business - Paper 1 MCQ Blast: Test 12: Theories and Models</b>  <a href="https://www.tutor2u.net/business/reference/edge-in-aqa-alevel-business-test12-theories-models">https://www.tutor2u.net/business/reference/edge-in-aqa-alevel-business-test12-theories-models</a>	 <b>The Edge in AQA A Level Business - Paper 1 MCQ Blast: Test 10: Strategy</b>  <a href="https://www.tutor2u.net/business/reference/aqa-alevel-business-paper1-mcq-test10-strategy">https://www.tutor2u.net/business/reference/aqa-alevel-business-paper1-mcq-test10-strategy</a>	
 <b>The impact of Brexit on the UK:</b> Conduct some research into BREXIT. You are to produce a written (type it please) report on the impact that Brexit will have on UK businesses. Remember that impacts can be negative and positive.  	 <b>Activity – Ratio Analysis of ‘Funky Stuff Ltd’</b> Print the worksheets from Frog Resources – Frog Resources/Business/Year 12/Super Curriculum Complete the ratios for ‘Funky Stuff Ltd’ using the Income Statement and Balance Sheet figures provided	
 <b>Calculating and Measuring Profit:</b> <a href="https://www.tutor2u.net/business/reference/calculating-and-measuring-profit">https://www.tutor2u.net/business/reference/calculating-and-measuring-profit</a>	 <b>Grade Booster Exam Workshops for AQA A-Level Business in 2020</b> Monday, March 30, 2020 - London White City Tuesday, March 31, 2020 - London White City	

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**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: Chemistry**



 <p>Chemistry Olympiad questions – can be found on RSC chemistry web site. These give some REALLY challenging applications that can prepare you for problem solving for University and beyond.</p>	 <p>The Year 12 Textbook and Revision guide. Should be used to read and learn A-level chemistry content.</p>	 <p>Top 5 A-Level Chemistry Websites:</p> <ul style="list-style-type: none"> <li>• Khan Academy</li> <li>• Dr Brown</li> <li>• Chem guide</li> <li>• Physics and maths tutor</li> <li>• Knock-Hardy</li> </ul>
 <p>Complete Best choice quizzes</p>	 <p>Complete Pre-set chemistry quizzes on Isaac Physics</p>	 <p>Use Maths and Physics Tutor to complete questions on the topics you find most challenging.</p>
 <p>Research how to write a risk assessment and practice writing it for 3 of the core practicals</p>	 <p>Research the ways in which analytical technique MS is used in the field. Give examples and scenarios.</p>	 <p>Make an organic chemistry reaction map for the homologous series you have learnt about</p>
 <p>Write a useful revision resource for the Core Particls. These should include explanation why certain steps are taken. Drawing of equipment set up. Analysis of common errors and suggestions of improvements.</p>	 <p>Complete 4-part revision questions. Remember to use 3 colours for it.</p>	 <p>Visit Science Museum to learn more about applications of chemistry in daily life</p>

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**Cardinal Wiseman School Sixth Form**  
**Super Curriculum – Year 13**  
**Subject: Chemistry**



 <p>Chemistry Olympiad questions – can be found on RSC chemistry web site. These give some REALLY challenging applications that can prepare you for problem solving for University and beyond.</p>	 <p>The A-Level Textbook and Revision guide. Should be used to read and learn A-level chemistry content.</p>	 <p>Top 5 A-Level Chemistry Websites:</p> <ul style="list-style-type: none"> <li>• Khan Academy</li> <li>• Dr Brown</li> <li>• Chem guide</li> <li>• Physics and maths tutor</li> <li>• Knock-Hardy</li> </ul>
 <p>Complete Best choice quizzes</p>	 <p>Complete Pre-set chemistry quizzes on Isaac Physics</p>	 <p>Use Maths and Physics Tutor to complete questions on the topics you find most challenging.</p>
 <p>Research how to write a risk assessment and practice writing it for 3 of the core practicals</p>	 <p>Research the ways in which analytical techniques are used in the field. Give examples and scenarios.</p>	 <p>Make an organic chemistry reaction map for the homologous series you have learnt about</p>
 <p>Write a useful revision resource for the Core Particles. These should include explanation why certain steps are taken. Drawing of equipment set up. Analysis of common errors and suggestions of improvements.</p>	 <p>Complete 4-part revision questions. Remember to use 3 colours for it.</p>	 <p>Study 'Tricky topics – Titration worksheets' Go through explained examples and complete tasks included.</p>

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**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: Drama**



 <b>The Guardian &gt;stage &gt;theatre</b>	 <b>The Seagull -Chekhov</b>	 <b>Monologues from Plays –Daily Actor</b>
 Podcast: <b>Bechdel Theatre</b>	 Podcast: <b>David Tennant Does a Podcast</b>	 <b>Hamilton -You Tube 'Live Theatre Plays'</b>
 <b>National Theatre: Chorus and Greek Theatre -Antigone</b>	 <b>National Theatre: Creating an Ensemble / Creating Chorus</b>	 <b>Direct a scene for an end of term Arts Festival or write a short scene for a KS3 cast</b>
 <b>Emma Rice</b>	 <b>The role of an editor in film</b>	 <b>Write a review for Hamilton -500 words</b>
 <b>Write your own one- man / one-woman short play based on the experiences of immigrants in the UK</b>	 <b>Write a one page premise for a short film</b>	 <b>National Theatre backstage tour</b>

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**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 13  
Subject: Drama**



 <b>Peter Shaffer: The Royal Hunt for the Sun</b>	 <b>Arthur Miller: Death of a Salesman</b>	 <b>Sarah Kane: 4.48 Psychosis</b>
 Podcast: <b>NT Talks</b>	 Podcast: <b>Royal Court's Playwright's Podcast</b>	 <b>National Theatre: Sam Mendes in conversation</b>
 <b>National Theatre: Sarah Kane. Staging the unstageable</b>	 <b>National Theatre: Acting</b>	 <b>Direct a scene for an end of term Arts Festival or write a short scene for a KS3 cast</b>
 <b>Script writing competitions or drama festivals</b>	 <b>Theatre de Complicite</b>	 <b>A local fringe theatre, e.g. Questors / Waterman's / Orange Tree / Richmond / Wembley Troubadour</b>
 <b>Jobs in theatre, film and television</b>	 <b>Create a 2-minute film on something that matters to you</b>	 <b>A 100 word theatre review on a local theatre production</b>

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**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: Economics**



 <b>How Markets Fail – John Cassidy</b>	 <b>Freakonomics – Levitt and Dubner.</b>	 <b>Capital in the Twenty-First Century - Thomas Piketty</b>
 <b>Ted Talks- Dirty secret of capitalism</b> <a href="https://www.ted.com/talks/nick_hanaauer_the_dirty_secret_of_capitalism_and_a_new_way_forward">https://www.ted.com/talks/nick_hanaauer_the_dirty_secret_of_capitalism_and_a_new_way_forward</a>	 <b>Wealth of nations- Adam Smith</b>	 <b>Wall Street Journal</b> <a href="https://www.wsj.com/video/no-deal-brex-it-a-look-at-potential-consequences/1178601E-7A0A-4541-A58E-55660F55CE87.html">https://www.wsj.com/video/no-deal-brex-it-a-look-at-potential-consequences/1178601E-7A0A-4541-A58E-55660F55CE87.html</a>
 <b>The Big Short (2015)</b>	 <b>Inside Job (2010)</b>	 <b>Research the different government intervention used to correct market failure on Obesity, Housing market, Drug and Alcohol.</b>
 <b>Research the potential economic impacts of Brexit (Positives and negatives)</b>	 <b>Mapping innovation, Greg Satell</b>	 <b>The Economics of Football. Stephan Dobson</b>
 <b>Tim Harford's books: The Undercover Economist (for micro) and the Undercover Economist Strikes Back (for macro)</b>	 <b>Tescopoly: How one shop came out on top and why it matters</b>	 <b>Bank of England, Threadneedle street</b>

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**Cardinal Wiseman School Sixth Form**  
**Super Curriculum – Year 13**  
**Subject: Economics**



 Freakonomics (2010)	 23 Things They Don't Tell you About Capitalism – Ha Joon Chang	 How Markets Fail – John Cassidy
 Thinking, Fast and Slow (2012) - Daniel Kahneman	 The Great Economists: How Their Ideas Can Help Us Today  Linda Yueh	 Critique on modern economic issues Paul Krugman's <i>The Accidental Theorist</i> (written in the late 1990s) and <i>End This Depression Now!</i>
 Ted Talks The Freakonomics of McDonalds vs. drugs <a href="https://www.youtube.com/watch?v=5UGC2nLnaes">https://www.youtube.com/watch?v=5UGC2nLnaes</a>	 What Britain Buys and Sells in a Day A great mini-series (3 episodes) on BBC iPlayer but may also be moved on to Youtube	 Masters of Money – Hayek <a href="https://www.youtube.com/watch?v=EIYqTj402PE">https://www.youtube.com/watch?v=EIYqTj402PE</a>
 The Big Short (2015)	 Masters of Money – Keynes <a href="https://www.youtube.com/watch?v=hEYdS5sUR90">https://www.youtube.com/watch?v=hEYdS5sUR90</a>	 Investigate an area of market failure - e.g. obesity, the environment, the housing market and alcohol.
 Investigate the nature of competition in the energy market. Is there enough competition? Is there enough regulation?	 Research the possible outcomes of Brexit. What are the potential impacts on the UK economy?	 Investigate and write a report on the use and impact of subsidies in an industry of your choice e.g. electric cars.
 Investigate how behavioural economics is being used by the government and NHS to change people's behaviour.	 Use the UN HDI and World Bank Reports to compare the living standards of emerging economies such as China. What success(es) are they having?	 Bank of England, Threadneedle Street

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**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: English Language**



 Read the following chapter on language and identity ( <a href="http://catalogue.pearsoned.co.uk/assets/hip/gb/uploads/M02_HALL5068_02_SE_C02.pdf">http://catalogue.pearsoned.co.uk/assets/hip/gb/uploads/M02_HALL5068_02_SE_C02.pdf</a> ) making notes.	 Read the following blog on accent and dialect: <a href="https://cjones1402.blogspot.com/2016/04/accent-and-dialect-article.html">https://cjones1402.blogspot.com/2016/04/accent-and-dialect-article.html</a>	 Define sociolinguistics and social groups.
 Research William Labov and Penelope Eckert studies on social groups: Social Class Age	 Research the following study on Social Class, Social Status and Stratification by Christine Mallinson (2007). Make notes for your revision folder.	 Watch Mr Bruff's YouTube video on understanding AO1 – this will help you with Paper 1. <a href="https://www.youtube.com/watch?v=zp9jT0E2hT8">https://www.youtube.com/watch?v=zp9jT0E2hT8</a>
 Watch Mr Bruff's YouTube video on understanding AO3 – this will help you with context. <a href="https://www.youtube.com/watch?v=jEupswCGIAA">https://www.youtube.com/watch?v=jEupswCGIAA</a>	 Watch Mr Bruff's YouTube video on understanding AO4 – this will help you compare texts. <a href="https://www.youtube.com/watch?v=GM--aH1N9_c">https://www.youtube.com/watch?v=GM--aH1N9_c</a>	 Explain discourse and pragmatics to friend that doesn't study A level English Language.  Do they understand what both terms mean?
 Collect extracts from travel writing, short stories and autobiographies.	 Research and collect a range of older texts e.g. magazine adverts for Hoover.	 Analyse a text you have collected for language methods, meanings and representations.
 Create a list of texts you are interested in producing for the original writing coursework task.	 Create a quiz with answers on an area of language you feel is most challenging.	 Research and collect a wide range of style models for your coursework.

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**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 13  
Subject: English Language**



 <p>Read the specimen answers and commentary for Paper 1 which is available on the AQA website (<a href="https://filestore.aqa.org.uk/resources/english/AQA-77021-CEX.PDF">https://filestore.aqa.org.uk/resources/english/AQA-77021-CEX.PDF</a>).</p>	 <p>Read the opinionated article on language and occupation. Make notes on stylistic features used. <a href="https://www.theguardian.com/omen-in-leadership/2013/jun/03/speech-language-determine-success-workplace">https://www.theguardian.com/omen-in-leadership/2013/jun/03/speech-language-determine-success-workplace</a></p>	 <p>Analyse the following texts for meanings and representations: Hoover <a href="https://i.pinimg.com/564x/e8/b8/24/e8b8241ca115445c647b7e7a95e7dc25.jpg">https://i.pinimg.com/564x/e8/b8/24/e8b8241ca115445c647b7e7a95e7dc25.jpg</a>  Ford <a href="https://i.pinimg.com/736x/c3/80/4c/c3804ca1b6d48f74a77a586f35650763--topaz-photo-print.jpg">https://i.pinimg.com/736x/c3/80/4c/c3804ca1b6d48f74a77a586f35650763--topaz-photo-print.jpg</a></p>
 <p>Create a recording on an area you find difficult to revise. Listen to it as a revision strategy.</p>	 <p>Read the specimen answers and commentary for Paper 2 which is available on the AQA website <a href="https://filestore.aqa.org.uk/resources/english/AQA-77022-CEX.PDF">https://filestore.aqa.org.uk/resources/english/AQA-77022-CEX.PDF</a></p>	 <p>Watch the following Youtube video on Child Language Development theories: <a href="https://www.youtube.com/watch?v=jr_hK2Owq8o">https://www.youtube.com/watch?v=jr_hK2Owq8o</a></p>
 <p>Watch the available videos on the assessment objectives by Mr Bruff: <a href="https://www.youtube.com/playlist?list=PLqGFsWf-P-cBJyO6jD2a6e9UKuq2FA1iS">https://www.youtube.com/playlist?list=PLqGFsWf-P-cBJyO6jD2a6e9UKuq2FA1iS</a></p>	 <p>Watch 'How to get an A* in English Language' for revision tips: <a href="https://www.youtube.com/watch?v=I0jGhBv4F0c">https://www.youtube.com/watch?v=I0jGhBv4F0c</a></p>	 <p>Explain discourse and pragmatics to friend that doesn't study A level English Language.  Do they understand what both terms mean?</p>
 <p>Research a range of investigation titles. Things to consider: Is it easy to collect data? Can I collect two or more pieces of data? Has this question been done before?</p>	 <p>Research Language and Power. How does it link to the social group occupation?</p>	 <p>Discuss the ways in which people may threaten each other's power in spoken interactions. (30 marks AO1, AO2)</p>
 <p>Write a response to the following question: Evaluate the idea that a person's language use is completely determined by the social groups they belong to. (30 marks AO1, AO2)</p>	 <p>Write an opinionated article in which you discuss the issues surrounding claims women and men use language differently. Before writing your article you should state your intended audience. (30 marks AO2, AO5)</p>	 <p>Create an A3 mind map for revision on Language Change, World Englishes and Power and Occupation.</p>

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**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: English Literature**



 Read Emily Bronte's 'Wuthering Heights'	 Read Robert Walpole's 'The Castle of Otranto'	 Read Matthew Lewis' 'The Monk' <a href="https://www.gutenberg.org/files/601/601-h/601-h.htm">https://www.gutenberg.org/files/601/601-h/601-h.htm</a>
 Listen to an audio book version of 'The Mysteries of Udolpho' <a href="https://www.youtube.com/watch?v=m9sGXpx6eNc">https://www.youtube.com/watch?v=m9sGXpx6eNc</a>	 Listen to these humorous summaries of Twelfth Night and Paradise Lost <a href="https://www.youtube.com/watch?v=e3O4yjuJes">https://www.youtube.com/watch?v=e3O4yjuJes</a> <a href="https://www.youtube.com/watch?v=-NMDtsPgFD0">https://www.youtube.com/watch?v=-NMDtsPgFD0</a>	 Watch Elia Kazan's 1951 film version of 'A Streetcar Named Desire' starring Marlon Brando and Vivien Leigh.
 Watch John Huston's 1967 film version of 'Reflections in a Golden Eye' starring Elizabeth Taylor and Marlon Brando	 Watch any of the top ten Frankenstein movies. There are over 50... <a href="https://www.imdb.com/list/ls029538138/">https://www.imdb.com/list/ls029538138/</a>	 Prepare a powerpoint on a text from your wider reading list. Include: context, plot, Gothic tropes and critical reception.
 Research Ann Radcliffe and her critical reception. <a href="https://www.bl.uk/romantics-and-victorians/articles/an-introduction-to-ann-radcliffe">https://www.bl.uk/romantics-and-victorians/articles/an-introduction-to-ann-radcliffe</a>	 Produce a project on any two of the following: Cromwell and the Restoration; Genesis; Courtly Love; Renaissance Character Types	 Write a critical appreciation of a Gothic extract.
 How are two Gothic texts different? Pick one from the 19 <sup>th</sup> century and one modern Gothic text. For example: 'The Strange Case of Dr Jekyll and Mr Hyde' with King's 'Salem's Lot'	 Write your own Gothic short story using traditional Gothic tropes: ghosts, castles, terror etc.	 Watch the 'Woman in Black' at the theatre with your peers from the course. Enjoy being scared!

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**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 13  
Subject: English Literature**



 Read Stoker's 'Dracula' <a href="https://www.gutenberg.org/files/345/345-h/345-h.htm">https://www.gutenberg.org/files/345/345-h/345-h.htm</a>	 Read one of the following examples of late 20 <sup>th</sup> century British Gothic: Mantel's 'Beyond Black'; Ballard's 'Concrete Island'; or 'Ballard's 'High Rise'	 Read 'The Prince' by Nicolo Machiavelli and The Preface to 'Paradise Lost' by CS Lewis.
 Listen to an audiobook of H.G. Wells 'The Time Machine' Is it Gothic or Sci-Fi?	 Listen to this discussion of British Gothic fiction on BBC Sounds <a href="https://www.bbc.co.uk/sounds/play/b06gtn4x">https://www.bbc.co.uk/sounds/play/b06gtn4x</a>	 Watch this documentary on Angela Carter's life and works. <a href="https://www.youtube.com/watch?v=KWBP1kxhEa8">https://www.youtube.com/watch?v=KWBP1kxhEa8</a>
 Watch Kubrick's film version of Stephen King's 'The Shining' Make notes on the setting, ghosts and madness.	 Watch Neil Jordan's film of Rice's novel 'Interview with the Vampire' starring Brad Pitt and Tom Cruise	 Create a leaflet, poster or powerpoint on famous performances of 'The Duchess of Malfi' and Twelfth Night' Share with your class.
 Research the reasons the Gothic was considered a 'genre for women' and its critical reception in the 18 <sup>th</sup> century	 Research the concept of the 'unreliable narrator' with particular attention to James' 'The Turn of the Screw'	 Produce an expanded (from the link) Gothic timeline from Walpole's 'The Castle of Otranto' to the late twentieth century. <a href="https://www.bbc.com/timelines/zyp72hv#zptia6f">https://www.bbc.com/timelines/zyp72hv#zptia6f</a>
 Compare any monster from Carter's 'The Bloody Chamber' with Frankenstein's monster	 Write a critical appreciation of Austen's Gothic parody 'Northanger Abbey'	 Visit Walpole's 'Gothic Revival' house at Strawberry Hill <a href="https://www.strawberryhillhouse.org.uk/house-garden/">https://www.strawberryhillhouse.org.uk/house-garden/</a>

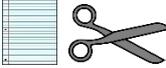
**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: A Level Film**



 Read a book about a film director of your choice	 Re-create (swede) a scene from your favourite film. Enter it to a film swede festival	 Subscribe to and watch all videos from Youtube channel 'Every Frame A Painting' – what film topic would you make a short video about?
 Listen to 'Kermode & Mayo's film review' podcast every week Or on 5 Live every Friday 3-5	 Listen to Mark Kermodes 'The Business of Film' three part documentary. What insights does it give you to the contemporary film industry. Available on FROG	 Watch the documentary 'The Cutting Edge' on Youtube about film editing. What key ideas could inform your film analysis?
 Watch one foreign language film from outside of UK or USA.  What themes does it explore that are relevant to the country it was made in?	 Support younger year groups by helping out in Film Club. Give guidance on how to make a genre film extract.	 Chose a sequence from a film of your choice. Create a presentation for your peers exploring how film language is used in the extract.
 Research the history of Hollywood vs the history of the British film industry – what are the key differences?	 Research job roles in the film industry. Note down the variety of skills required. What skills do you have now, and which skills could you develop further?	 Create a blog and begin to post you own film reviews from past & present films that you have watched.
 Write down your dreams. Develop one of them into a film script.	 Re-create the mise en scene of a famous painting, thinking about composition & lighting/colour eg a tableaux ( <i>City of God</i> )	 Visit the BFI on the Southbank – watch a selection of short films in their Mediatheque. – Visit their Reuben library and soak in the atmosphere

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Super Curriculum – A Level Geography – Read, Watch, Research and Answer**

Tectonic Hazards and Processes	Coastal Landscapes	Globalisation	Regenerating Places	The Water Cycle and Water insecurities
Ghosts of the Tsunami: Death and Life in Japan by Richard Lloyd Parry (2017)	No one is too small to make a difference by Greta Thunberg (2018)	The Almighty Dollar by Dharshini David (2018)	Urban regeneration in the UK: Boom, Bust and Recovery by Phil Jones and James Evans (2013)	'The Water Wars' by Cameron Stracher (2011)
The Impossible (2012)	Coast: BBC TV series (2005)	Slumdog Millionaire (2009)	The War to live in London: Regeneration Game (2015)	Blue Gold: World Water Wars (2008)
Research new developments in tsunami warning systems	Research countries at risk of coastal flooding	Research the emergence of the MINT (Mexico, Indonesia, Nigeria and Turkey) economies	Research examples of local regeneration projects in the last year	Research the UNECE website for examples of integrated drainage basin management (IDBM)
Assess the reasons why mitigation is the most aspect of hazard management (12)	Evaluate the view that the main coastal threats are caused by nature rather than people (20)	Assess the view that outsourcing is benefit for developed countries (12)	Evaluate the view that rural regeneration strategies are not effective in reducing deprivation (20)	Assess the view that human factors add the most risk to water insecurity (12)

The Carbon cycle and energy security	Superpowers	Migration, Identity and Sovereignty	Synoptic Links
'The Quest: Energy, security and the remaking of the Modern World' by Daniel Yergin (2011)	Prisoners of Geography by Tim Marshall (2015)	Divided: Why we're living in an age of walls by Tim Marshall (2018)	Worth Dying for: The Power and Politics of Flags by Tim Marshall (2016)
Under the Dome: Air pollution in China (2015)	The Chinese are coming (2011)	Winter on Fire: Ukraine's Fight for Freedom (2015)	Planet Earth (from 2006)
Research newly developing technologies to create energy	Research the growing tension between China and USA	Research the extent to which the Rohingya ethnic group have been forced to migrate from Burma	Research the World Economic Forum website
Evaluate the view that alternative fuels are more effective than Biofuels and Radial technologies (20)	Assess the extent to which development theories support the emergence of superpowers (12)	Evaluate the threats to national unity posed by emigration (20)	Evaluate the view that there will always be risk in multiple hazard zones that are in developing countries (24)



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: History**



 Tudor England by John Guy	 The Early Tudors by David Rogerson	 Modern History Review, a quarterly magazine directed at A Level History students
 The Coming of The Third Reich by Richard J Evans	 Dan Snow History Hit Podcasts.	 Documentary – Henry VII, The Winter King
 Tudor Dynasty by David Starkey	 Documentary series The Nazis A Warning From History Episodes	 Visit Hampton Court Palace
 Was Henry VIII really a tyrant, or a great English monarch?	 Was the failure of the Weimar Republic an inevitability?	 Visit the Tudor collections at the Victoria and Albert Museum or the Museum of London.
 Produce revision notes for all your Tudors and Germany topics – get ahead!	 Write a model paragraph based on feedback from your last essay. Perfect a paragraph first, then perfect an essay.	 Attend a talk at the Ealing Historical Association. This is free for all Ealing Sixth Form students.

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task

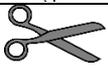


**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 13  
Subject: History**



 Tudor England by John Guy	 The Reign of Elizabeth, England 1558-1603 by Barbara Mervyn	 Modern History Review, a quarterly magazine directed at A Level History students
 The Third Reich In Power by Richard J Evan	 Dan Snow History Hit Podcasts.	 Elizabeth: The Golden Age (2007 film)
 Tudor Dynasty by David Starkey	 Documentary series The Nazis A Warning From History Episodes	 Visit the Tudor collections at the Victoria and Albert Museum or the Museum of London.
 Did Mary I really deserve the nickname 'Bloody Mary'?	 Was the rise of a political party like the Nazi Party inevitable in 1930s Germany?	 Visit the Holocaust Exhibition at the Imperial War Museum in central London.
 Produce revision notes for all your Tudors and Germany topics – get ahead!	 Write a model paragraph based on feedback from your last essay. Perfect a paragraph first, then perfect an essay.	 Attend a talk at the Ealing Historical Association. This is free for all Ealing Sixth Form students.

**KEY:**

	Reading task		Writing task
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	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12 and 13  
Subject: LAW**



 Read through notes. Learn them & make sense of them	 Read cases. Remember the names & make sense of them. Make cards with cases Do this by topic	 Read news reports using online facilities
 Listen to news reports e.g Brexit or listen to Parliamentary sessions like PM questions on Wed. Read up to date criminal cases. Look up cases about data breaches, drones, driverless cars. What is being written about these issues?	 Work with other students testing one another & explaining key concepts/legal Points from cases. Test each other on Actus reus & mens rea	 prepare information leaflets e.g What is a nuisance? What must you prove? What must you prove for theft.
 Research organisations that do ODR. Look at Amazon. How is it done? What about other countries? Begin evaluating this		 Summarise your Notes. Do mind maps. Incorporate key points. Do you know your contract terms?
 Summarise your case facts with key legal points. Use cards. Do this for all 3 areas: contract, tort, crime	 Produce a key terms Sheet for all your topics Learn these. Could you use them confidently in answering questions?	 Go to Parliament. Visit a court to watch proceedings. Visit a law firm for work experience. Talk to people who work in Law.

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12 and 13  
Subject: Maths**



 <p>Read 17 Equations that changed the World By Ian Stewart</p>  <p>Read 17 Equations that changed the World by Ian Stewart (ISBN9781846685316)</p>	 <p>Read The Man who knew Infinity by Robert Kanigel</p>  <p>Read The Man who knew Infinity Life of the Genius Ramanujan new Ed by Robert Kanigel (ISBN 9780349104522)</p>	 <p>The Mathematics of Ciphers by SC Coutinho</p>  <p>The Mathematics of Ciphers Number Theory and RSACryptographyby Coutinho (ISBN 9781568810829)</p>
 <p>The Mathematics Dictionary</p> <p>How to think like a Mathematician</p>  <p>Kevin Houston (ISBN 978-0- 521-71978-0)</p>	 <p>A history of Mathematics by Carl B Bouger</p>  <p>A History of Mathematics, Third Edition revised by Carl B Boyer Uta C Meerzbach (ISBN8601405590862)</p>	 <p>Principal Mathematics</p> <p>Folder on Frog</p> <p>External Curriculum Ms Kaur</p>
 <p>Paradoxes in Mathematics by Stanley J Farlow</p>  <p>Paradoxes in Mathematics (Dover Books on Mathematics) by Stanley J Farlow on there' more than one way to define a paradox (isbn10:o48649716x)</p>	 <p>Read some of The Math Book by Clifford A Pickover</p>  <p>The Math Book: From Pythagoras to the 57<sup>th</sup> Dimension, 250 Milestones in the History of Mathematics (Paperback)ISBN 9781402788291</p>	 <p>Things to make and do in the fourth dimension by Matt Parker</p>  <p>Things to make and do in the fourth dimension by Matt Parker (ISBN9780141975863)</p>
 <p>Mathematics by Jan Gullberg</p>  <p>Mathematics: From the Birth of Numbers by Jan Gullberg Peter Hilton (ISBN 9780393040029)</p>	 <p>Concepts of Modern Mathematics by Ian Stewart</p>  <p>Concepts of Modern Mathematics by Ian Stewart (ISBN8601400596593)</p>	 <p>The map of Mathematics- Domain of Science <a href="https://www.youtube.com/watch?v=OmJ-4B-mS-y">https://www.youtube.com/watch?v=OmJ-4B-mS-y</a></p>

 How does maths guide our ships at sea? <a href="https://www.youtube.com/watch?v=AGCUmjWtt4">https://www.youtube.com/watch?v=AGCUmjWtt4</a>	 Watch use of mathematics: Real Life applications of Maths BBC documenary Isaac vs Newton Ted Ed	 Hidden Figures The story of a team of female African-American mathematicians who served a vital role in NASA during the early years of the U.S space program
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 The Imitation Game <a href="http://www.imdb.com/title/tt2084970/">http://www.imdb.com/title/tt2084970/</a> Genius Series (on National Geo) about Einstein's life	 Geoff Riley videos <a href="https://www.youtube.com/channel/UCe83iLdZ3PugVwAHe6B3U2A">https://www.youtube.com/channel/UCe83iLdZ3PugVwAHe6B3U2A</a>	 Julia Robinson and Hilbert's <b>Tenth Problem</b> A one hour biographical documentary Julia Robinson and Hilbert's <b>Tenth Problem</b> tells the story of an important American mathematician against a background of mathematical ideas
 Maths watch VLE Centre ID: Sandringham Login, use your network login being careful about case. Include all numbers	 Documentary: Particle Fever Particle Fever follows six brilliant scientists during the launch of the Large Hadron Collider, marking the start-up of the biggest and most expensive experiment in the in the history of the planet. Pushing the edge of human innovation	 Film the story of 1 The story of 1 is A BBC documentary about the history of number. And in particular, the number 1. It was presented by former Monty Python member Terry Jones. It was released in 2005
 VSauce-Supertasks	 Research how Ramanujan got accepted into Cambridge	 Research into 10 unsolved mathematics problems
 Research Ada Lovelace	 Research Pythagoras (links with music theory)	 Research Alan Turning
 Research Euler	 Research the creation of Algebra	 Research the works of John Forbes Nash Jr

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form**  
**Super Curriculum – Year 13**  
**Subject: A Level Media**



		
Read <i>The Feminine Mystique</i> by Betty Friedan. How does it give us an insight into media representations and the changing role of women in the 20thC?	Read <i>There Aint No Black In the Union Jack</i> by Paul Gilroy. Note down the ideas explore about racial discourses in Britain	Read <i>The Guardian &amp; The Mirror</i> online or print version at least 3 times a week. Note down what stories are seen to be news worthy that day – compare & contrast
		
Listen to 'The Media Show' podcasts from the BBC every Wednesday	Watch <i>The Bridge &amp; Life On Mars</i> . Note down the codes & conventions they share, and the contrasts	Subscribe to a Youtube that explores media theory. Watch the short videos and take notes.
		
Watch the films <i>Do The Right Thing, 12 Years A Slave &amp; Selma</i> . How has colonial attitudes impacted on the lives of African Americans and representation (Gilroy)	Watch a Ted talk relevant to the Media. Take down key points.	Create a knowledge organiser about one of the set texts as a revision resource. Make it available on FROG for your peers.
		
Research the history and development of social media. What are its benefits and limitations?	Research the history of Hollywood vs the history of the British film industry – what are the key differences?	Create a blog, vlog or podcast about A Level Media Studies. Use it to explore your thoughts and feelings about the subject and share it with your friends.
		
Write a review of a TV drama from Netflix – what are its qualities? Use media language.	Write an imaginary meeting between you and one of the media theorists from the course. What would you discuss?	Visit the BFI on the Southbank – watch a selection of short films in their Mediatheque – Visit their Reuben library and soak in the atmosphere

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: 12 BTEC Media**



 Read the article written by Dr. Pragya Agarwal “Five podcasts to encourage diversity and inclusivity” Why does Diversity matter?	 Read one article from The Guardians ‘culture’ section everyday	 Watch a Ted talk about working in the creative media. Note down key points
 Listen to the <i>Media Show</i> episode ‘What we need is more diversity at BBC’. Why is diversity in the media so important?	 Listen to one of the podcasts recommended by Dr. Pragya Agarwal in her article “Five podcasts to encourage diversity and inclusivity”	 Watch the film <i>The Help</i> or <i>Hidden figures</i> How does the films representation of ethnicity direct audience’s opinions?
 Watch the film <i>Mulan</i> or <i>Zootopia</i> or <i>Big Hero 6</i> How are gender stereotypes challenged? Why is this important for young audiences?	 Watch the film <i>Silence</i> How has the media creator used stylistic codes in the film?	 Research a media text that you like and create a presentation to your class about how it was planned & produced
 Research a television shows that break gender or ethnicity stereotypes Why is this important?	 Research further information about cinematography and mise-en-scene. Make notes on your findings	 Write a blog post about why you think diversity and inclusion in the media is so important.
 Create a mood board to represent your view on media representation.	 Make a short video about diversity at Cardinal Wiseman	 Visit the BFI on the Southbank – watch a selection of short films in their Mediatheque.

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 13  
Subject: 13 BTEC media**



 Read the book <i>No Logo</i> by Naomi Klein	 Read the article 'Living in the digital age' by Sukeban Magazine	 Listen to Kermode & Mayo's film review podcast every week
 Listen to 'The BBC Academy' and 'The Media Show' podcasts from the BBC every Wednesday	 Watch the documentary 'The Cutting Edge' on Youtube about film editing. What key ideas could you use to inform your production work?	 Watch 3 73 questions interviews produced by Vogue. What style of interview is this and why is it affective?
 Watch an advertisement that you think is affective. Try to recreate it.	 Watch a Ted talk relevant to the Media. Take down key points.	 Work with a yr12 students assisting them with their unit 1 or 8 work
 Research jobs in the creative media sectors. What skills are required? How could you use this info to update you CV	 Research a UK and international news agency. How do they differ from each other?	 Re-create the mise en scene of a famous painting, thinking about composition & lighting/colour
 Make a website which showcases you and your work.	 Write a review of a TV drama from Netflix – what are its qualities? Use media language.	 Visit Tate Modern. Select a painting that you could attempt to re-create (see above)

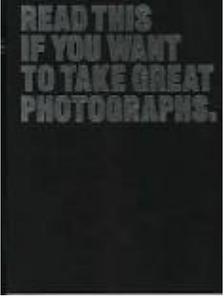
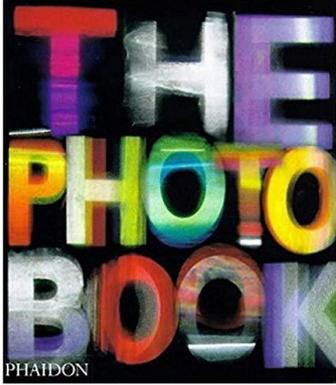
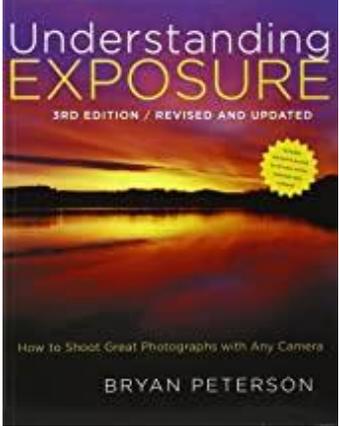
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	Creative task		Student-led task



Cardinal Wiseman School Sixth Form  
 Super Curriculum – Year 12  
 Subject: Photography



   <a href="https://www.amazon.co.uk/Read-This-Want-Great-Photographs/dp/1780673353">https://www.amazon.co.uk/Read-This-Want-Great-Photographs/dp/1780673353</a>	  Amazon  	  Amazon  
 <a href="https://www.youtube.com/watch?v=N-HyTRGtdSA">https://www.youtube.com/watch?v=N-HyTRGtdSA</a>  7 SIMPLE photo COMPOSITION TIPS to IMPROVE your photography	 <a href="https://www.youtube.com/watch?v=6_B8pVoANY">https://www.youtube.com/watch?v=6_B8pVoANY</a>  Photography Tutorial: ISO, Aperture, Shutter Speed	 Look for photography exhibitions at the following galleries.  The Photographers Gallery The Tate Modern The Whitechapel Gallery The National Portrait Gallery
 Rural Landscape Project- Kew gardens, Ruislip lido, Black park, Horsenden Hill Urban Landscape Project- Central London	 Research Portrait Photography - How and when was it first used and compare with the modern day phenomenon of 'Selfies'.	 Research Semiotics in Photography.

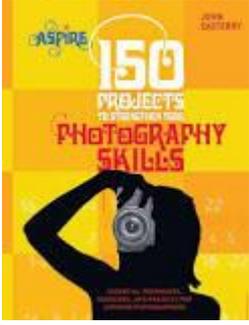
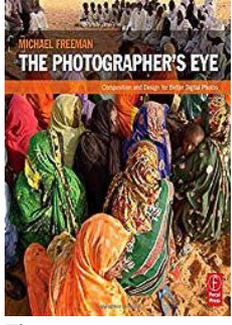
KEY:

	Reading task		Writing task
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	Creative task		Student-led task

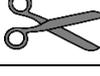


**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 13  
Subject: Photography**



  <a href="https://www.amazon.co.uk/Read-This-Want-Great-Photographs/dp/1780673353">https://www.amazon.co.uk/Read-This-Want-Great-Photographs/dp/1780673353</a>	  Amazon	  The Photographer's Eye Michael Freeman
	 USEFUL WEBSITES <a href="http://www.art2day.co.uk/">http://www.art2day.co.uk/</a> <a href="http://www.thisiscolossal.com/">http://www.thisiscolossal.com/</a> <a href="https://uk.pinterest.com/">https://uk.pinterest.com/</a> <a href="http://www.masters-of-photography.com/">http://www.masters-of-photography.com/</a> <a href="http://www.studentartguide.com/articles/creative-photography-ideas">http://www.studentartguide.com/articles/creative-photography-ideas</a>	 <a href="https://www.youtube.com/watch?v=ineZXLbL7s8">https://www.youtube.com/watch?v=ineZXLbL7s8</a> 10 new Photography ideas in 100 seconds
 <a href="https://www.youtube.com/watch?v=N-HyTRGtdSA">https://www.youtube.com/watch?v=N-HyTRGtdSA</a> 7 SIMPLE photo COMPOSITION TIPS to IMPROVE your photography	 <a href="https://www.youtube.com/watch?v=6_B8pVoANy">https://www.youtube.com/watch?v=6_B8pVoANy</a> Photography Tutorial: ISO, Aperture, Shutter Speed	Look for photography exhibitions at the following galleries. The Photographers Gallery The Tate Modern The Whitechapel Gallery The National Portrait Gallery
 Research Semiotics in Photography.	 Choose your locations to suit your projects!	

**KEY:**

	Reading task		Writing task
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	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: Physics**



 <p>Physics Olympiad questions – these can be found online and give some REALLY challenging applications that can prepare you for problem solving for University and beyond.</p>	 <p>Extension Features – The A-Level Textbook contains loads of interesting applications of the Science indicated with a + symbol. E.g Page 179 on Renewable Energy.</p>	 <p>Top 5 A-Level Physics Websites:</p> <ul style="list-style-type: none"> <li>• Khan Academy</li> <li>• The Physics Classroom</li> <li>• School for Champions</li> <li>• S-Cool Revision</li> <li>• Cyberphysics</li> </ul>
 <p>The Infinity Monkey Cage – BBC Podcast on a range of Science topics.</p>	 <p>The Titanium Physics Podcast a range of physics topics beyond the course – very interesting.</p>	 <p>Veritasium Physics YouTube Channel – a range of really interesting Physics problems discussed and well-illustrated.</p>
 <p>BBC Documentary – The Secret Life of Quantum Physics: Episode 1: First half relates to both Y12 and 13 course, but second episode is very interesting too. Can be found on YouTube, sometimes on BBC iPlayer</p>	 <p>BBC Documentary – The Planets A great documentary about the Planets, Mr Cunningham watched a similar (but much lower tech version) when he was a teenager, this got him excited about the planets. Can be found on YouTube, sometimes on BBC iPlayer</p>	 <p>Put together a poster/website/talk on the history of light – how are knowledge and understanding of light has changed over time is fascinating (and supports both Year 12 and Year 13 parts of the course).</p>
 <p>Research the scale of the Universe: How is the quantum world different to the macroscopic world to the Relativistic world?</p>	 <p>Research some of the uses of each region of the electromagnetic spectrum. A really interesting area is how each range can be used to image the Universe in different ways.</p>	 <p>Use the extra questions from the 4-Part Revision Folder (Section E contains MANY questions you can practice).</p>
 <p>Write a useful revision resource for the Particle Zoo (Chapter 2). Normally I don't recommend flashcards for Physics but a good way of testing the knowledge here.</p>	 <p>Isaac Physics problem solving website – remember you can try loads of questions beyond the course of varying difficulty.</p>	 <p>Visit the Science Museum in London – there's loads of great exhibits – history of Space Travel one of Mr Cunningham's favourites.</p>

**KEY:**

	Reading task		Writing task
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	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 13  
Subject: Physics**



 <p>Physics Olympiad questions – these can be found online and give some REALLY challenging applications that can prepare you for problem solving for University and beyond.</p>	 <p>Extension Features – The A-Level Textbook contains loads of interesting applications of the Science indicated with a + symbol. E.g Page 179 on Renewable Energy.</p>	 <p>Top 5 A-Level Physics Websites:</p> <ul style="list-style-type: none"> <li>• Khan Academy</li> <li>• The Physics Classroom</li> <li>• School for Champions</li> <li>• S-Cool Revision</li> <li>• Cyberphysics</li> </ul>
 <p>The Infinity Monkey Cage – BBC Podcast on a range of Science topics.</p>	 <p>The Titanium Physics Podcast a range of physics topics beyond the course – very interesting.</p>	 <p>Veritasium Physics YouTube Channel – a range of really interesting Physics problems discussed and well-illustrated.</p>
 <p>BBC Documentary – The Secret Life of Quantum Physics: Episode 1: First half relates to both Y12 and 13 course, but second episode is very interesting too. Can be found on YouTube, sometimes on BBC iPlayer</p>	 <p>BBC Documentary – The Planets A great documentary about the Planets, Mr Cunningham watched a similar (but much lower tech version) when he was a teenager, this got him excited about the planets. Can be found on YouTube, sometimes on BBC iPlayer</p>	 <p>Put together a poster/website/talk on the history of light – how are knowledge and understanding of light has changed over time is fascinating (and supports both Year 12 and Year 13 parts of the course).</p>
 <p>Research some of the uses of Nuclear Radiation, including: Aluminium Foil Thickness Carbon Dating Medical Tracers. Common exam topic where lots of detail required.</p>	 <p>Research some of the uses of each region of the electromagnetic spectrum. A really interesting area is how each range can be used to image the Universe in different ways.</p>	 <p>Top up your Year 12 knowledge with the Booster Packs uploaded on FROG (Document F in the 4-Part Revision folders).</p>
 <p>Write a useful revision resource for the Particle Zoo (Chapter 2). Normally I don't recommend flashcards for Physics but a good way of testing the knowledge here.</p>	 <p>Isaac Physics problem solving website – remember you can try loads of questions beyond the course of varying difficulty.</p>	 <p>Visit the Science Museum in London – there's loads of great exhibits – history of Space Travel one of Mr Cunningham's favourites.</p>

**KEY:**

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	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: Politics**



 Any quality newspaper (Times, Telegraph, Guardian, Independent)	 The Economist (magazine/newspaper)	 The Week (weekly news magazine)
 Podcast: Pienaar's Politics (BBCR5L)	 Podcast: The Week in Westminster (BBCR4)	 Newsnight, daily, 10.30pm on BBC2
 Question Time, BBC1, Thursdays at 10.35pm	 BBC Parliament (Freeview channel 232)	 Participate politically. Party politics, pressure group politics, campaigning? What interests you?
 The manifestos of the Conservative, Labour and Liberal Democrat parties at the 2019 General Election	 Hansard – the record of all parliamentary debates. What is being decided in Parliament?	 Write to your local MP about an issue close to your heart. What can you / they do to help?
 Produce revision notes for all your British Politics topics – get ahead!	 Write a model paragraph based on feedback from your last essay. Perfect a paragraph first, then perfect an essay.	 UK Parliament and Supreme Court, Parliament Square, Westminster

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 13  
Subject: Politics**



 Any UK or US quality newspaper (Times, Telegraph, Guardian, Independent, Washington Post New York Times)	 The Economist (magazine/newspaper)	 The Week (weekly news magazine)
 Podcast: Pienaar's Politics (BBCR5L)	 Podcast: The Week in Westminster (BBCR4)	 Newsnight, daily, 10.30pm on BBC2
 Question Time, BBC1, Thursdays at 10.35pm	 BBC Parliament (Freeview channel 232)	 Participate politically. Party politics, pressure group politics, campaigning? What interests you?
 The manifestos of the Conservative, Labour and Liberal Democrat parties at the 2019 General Election	 Hansard – the record of all parliamentary debates. What is being decided in Parliament?	 Write to your local MP about an issue close to your heart. What can you / they do to help?
 Produce revision notes for all your British, American and Comparative Politics topics – get ahead!	 Write a model paragraph based on feedback from your last essay. Perfect a paragraph first, then perfect an essay.	 UK Parliament and Supreme Court, Parliament Square, Westminster

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12 / 13  
Subject: Product Design**



 <b>The Art of Looking Sideways</b> By Alan Fletcher	 <b>Thinking, Fast and Slow</b> By Daniel Kahneman	 <b>Sprint</b> By Jake Knapp
 <b>99% Invisible</b> Podcast	 <b>Afterschool</b> Podcast	 <b>Abstract</b> <b>The Art of Design</b> Netflix
 <b>How It's Made</b> Discovery Channel / You tube	 <b>Inside the Factory</b> BBC 2	 <b>Sketch, Sketch and Sketch some more.</b> Designers should be constantly sketching new ideas
 <b>Choose</b> your favourite building and <b>research</b> into its architect	 <b>Research</b> into your favourite Brand	 <b>Detailed analysis</b> of your favourite Product
 <b>Write</b> about your favourite piece of design and why?	 <b>Write</b> about your favourite brand?	 <b>Design Museum</b> Design, Maker, User Exhibition

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: Psychology**



 "Depression, more than a sum of the symptoms" Giko J Fried	 "Power turns good soldiers into bad apples" Dr Zimbardo	 "The influence of childhood on adult relationships" Ian Stuart-Hamilton
 Psych crunch (BPS)	 NDR: Hidden Brain	 '12 Angry Men'
 'Memento'	 'Good Will Hunting'	 Create a Kahoot revision quiz
 Conduct a research study into Social Influence	 Research Rotter's Locus of Control scale	 Write a psychological report with results of your study
 Compile a list of Psychology related news stories	 Write a review of a psychological documentary	 London Zoo (links to attachment phobias)

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 13  
Subject: Psychology**



 "Being Criminal: Nature or Nurture?" David Wilson	 "Are mental health services inherently feminised?" Linda Morrison	 "We are not from Mars or Venus" Carla Goden
 All in the mind - BBC	 Mind Changers - BBC	 'A Brilliant Mind'
 'Shutter Island'	 'One Flew Over the Cuckoo's Nest'	 Create a Kahoot revision quiz
 Conduct a research study into Memory	 Research the political background of Adorno's F-Scale	 Write a psychological report with results of your study
 Compile a list of Psychology related news stories	 Write a review of a psychological documentary	 Freud Museum

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: RE - Autumn**



 Read part 1 of The Puzzle of Ethics by Peter Vardy. Take summary notes to use as references to a scholar in your essays.  <b>Time: 3 hours.</b>	 Read chapter 3 of Richard Dawkins': 'The God Delusion' on Arguments for God's Existence. Take summary notes to use as references to a scholar in your essays.  <b>Time: 2 hours.</b>	 Read Peter Singer's (1995) 'Rethinking Life and Death: The Collapse of our Traditional Ethics.' Chapter 7. Take summary notes to use as references to a scholar in your essays.  <b>Time: 2 hours.</b>
 Listen to part one and two of the podcast on Aquinas' Natural Law: <a href="https://thepanpsycast.com/panpsycast2/2016/9/21/episode-4-aquinas-natural-law">https://thepanpsycast.com/panpsycast2/2016/9/21/episode-4-aquinas-natural-law</a>  <a href="https://thepanpsycast.com/panpsycast2/2016/9/21/episode-4-aquinas-natural-law-part-ii">https://thepanpsycast.com/panpsycast2/2016/9/21/episode-4-aquinas-natural-law-part-ii</a>  <b>Time: 2 hours.</b>	 Listen to the following podcast on Plato's Cave analogy: <a href="https://thepanpsycast.com/panpsycast2/2016/7/26/platos-cave-audio-trial">https://thepanpsycast.com/panpsycast2/2016/7/26/platos-cave-audio-trial</a>  <b>Time: 1 hour.</b>	 Listen to the following podcasts on Kantian Ethics: <a href="https://thepanpsycast.com/panpsycast2/2016/11/2/episode-6-kantian-ethics-part-i">https://thepanpsycast.com/panpsycast2/2016/11/2/episode-6-kantian-ethics-part-i</a>  <a href="https://thepanpsycast.com/panpsycast2/2016/11/2/episode-6-kantian-ethics-part-ii">https://thepanpsycast.com/panpsycast2/2016/11/2/episode-6-kantian-ethics-part-ii</a>  <b>Time: 2 hours.</b>
 Watch the following debate on euthanasia: <a href="https://www.youtube.com/watch?v=iC6WEFuhk6o">https://www.youtube.com/watch?v=iC6WEFuhk6o</a> You need to take notes covering both sides of the arguments to use as scholars in your essays.  <b>Time: 2 hours.</b>	 Research Mr McMillan on YouTube and subscribe to his videos for short revision videos on each topic in the A Level.  <b>Time: 1 hour.</b>	 Watch the following two Videos on Augustine's Teaching on Human Nature. <a href="https://www.youtube.com/watch?v=IZHdjRqiHH4">https://www.youtube.com/watch?v=IZHdjRqiHH4</a>  <a href="https://www.youtube.com/watch?v=QpJdPXnx7-A">https://www.youtube.com/watch?v=QpJdPXnx7-A</a>  <b>Time: 1 hour</b>
 Research Dante's Vision of Hell. Create a revision	 Research John Finnis' Modern Development of	 In groups of three choose one topic from anything

<p>resource to help you understand it. <b>Time: 1 hour.</b></p>	<p>Natural Law and create a summary mind-map including comparisons to Aquinas' Natural Law. <b>Time: 2 hours.</b></p>	<p>you have studied so far and create a 10-minute revision presentation to do in front of your class. <b>Time: 2 hours.</b></p>
<p> Create a key word bank of all key terminology for each unit and each paper (Philosophy, Ethics, DCT) Use the text book and exercise book to help you. <b>Time: 1 hour.</b></p>	<p> Using the textbook write a detailed essay plan for the end of unit example essays (or see your teacher for a title) <b>Time: 1 Hour.</b></p>	<p> Create a quote bank/scholar bank for each of the topics you have studied to help you remember different approaches to use in essays. <b>Time: 2 Hours.</b></p>

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 13  
Subject: RE**



 <p>Read Margaret Atwood's: <i>'The Handmaids Tale'</i> to support your understanding of gender struggles.</p> <p><b>Time: 6 hours+</b></p>	 <p>Read part 1 of 'The Puzzle of Evil' by Peter Vardy. Take summary notes to use as references to a scholar in your essays.</p> <p><b>Time: 2 hours.</b></p>	 <p>Read Chapter 1 of 'Ethics: Inventing Right and Wrong' by J.L. Mackie (1991).</p> <p><b>Time: 2 hours.</b></p>
 <p>Listen to the following series of podcasts on Meta-Ethical Approaches:  <a href="https://thepanpsycast.com/panpsycast2/2017/8/3/meta-ethics1">https://thepanpsycast.com/panpsycast2/2017/8/3/meta-ethics1</a>  <a href="https://thepanpsycast.com/panpsycast2/2017/8/3/meta-ethics2">https://thepanpsycast.com/panpsycast2/2017/8/3/meta-ethics2</a>  <a href="https://thepanpsycast.com/panpsycast2/2017/8/3/meta-ethics3">https://thepanpsycast.com/panpsycast2/2017/8/3/meta-ethics3</a></p> <p><b>Time: 3 hours.</b></p>	 <p>Listen to the following Podcast on Simone De Beauvoir's 'Second Sex':  <a href="https://thepanpsycast.com/panpsycast2/episode51-p-3">https://thepanpsycast.com/panpsycast2/episode51-p-3</a></p> <p><b>Time: 1 hour.</b></p>	 <p>Listen to the following Podcast on Marx's Political Philosophy:  <a href="https://thepanpsycast.com/panpsycast2/2017/8/3/episode-26-karl-marxs-political-philosophy-part-i">https://thepanpsycast.com/panpsycast2/2017/8/3/episode-26-karl-marxs-political-philosophy-part-i</a></p> <p><b>Time 1 hour.</b></p>
 <p>Watch the following youtube clip and take notes on Karl Rahner. Then continue to research his work in relation to religious pluralism and add to your notes.  <a href="https://www.youtube.com/watch?v=n1bKWzPY0Yg&amp;index=54&amp;list=PLCE62098E8D4316B8">https://www.youtube.com/watch?v=n1bKWzPY0Yg&amp;index=54&amp;list=PLCE62098E8D4316B8</a></p> <p>Watch the following two youtube clips and take notes on the different scholarly approaches to religious pluralism  <a href="https://www.youtube.com/watch?v=Wa7HdJ7FI78&amp;list=PLCE62098E8D4316B8&amp;index=47">https://www.youtube.com/watch?v=Wa7HdJ7FI78&amp;list=PLCE62098E8D4316B8&amp;index=47</a>  <a href="https://www.youtube.com/watch?v=MLnylZM14w0&amp;list=PLCE62098E8D4316B8&amp;index=39">https://www.youtube.com/watch?v=MLnylZM14w0&amp;list=PLCE62098E8D4316B8&amp;index=39</a></p> <p><b>Time: 3 hours.</b></p>	 <p>Watch the following two youtube clips and take notes on the type of religious experiences are shown.  <a href="https://www.youtube.com/watch?v=GbvPnotaZYw">https://www.youtube.com/watch?v=GbvPnotaZYw</a>  <a href="https://www.youtube.com/watch?v=O_aGlm9QjU">https://www.youtube.com/watch?v=O_aGlm9QjU</a></p> <p><b>Time: 1 hour.</b></p>	 <p>Watch the film; 'The Imitation Game' starring Benedict Cumberbatch to gain a deeper insight to the social climate at the time of the Wolfenden Report and try to draw links between the social climate now and responses to homosexuality.</p> <p><b>Time: 2 hours.</b></p>

 <p>Research the 'Wolfenden Report', take notes about what the report was on and why it took place.</p> <p><b>Time: 2 hours.</b></p>	 <p>Research the views of other thinkers who may sacrifice belief in free will or soften the idea of God's omniscience, take notes that provide you with AO2 material for essays.</p> <p><b>Time: 2 hours.</b></p>	 <p>In groups of three choose one topic from anything you have studied so far and create a 10-minute revision presentation to do in front of your class.</p> <p><b>Time: 2 hours.</b></p>
 <p>Create a key word bank of all key terminology for each unit and each paper (Philosophy, Ethics, DCT) Use the text book and exercise book to help you.</p> <p><b>Time : 2 hours</b></p>	 <p>Using the textbook choose a topic and write a detailed essay plan for the end of unit example essays (or see your teacher for a title)</p> <p><b>Time: 1 Hour.</b></p>	 <p>Create a quote bank/scholar bank for each of the topics you have studied to help you remember different approaches to use in essays.</p> <p><b>Time: 2 Hours.</b></p>

**KEY:**

	Reading task		Writing task
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	Creative task		Student-led task



**Cardinal Wiseman School Sixth Form  
Super Curriculum – Year 12  
Subject: Sociology**



 "The Tipping Point" Malcolm Gladwell	 "Freakonomics?" Stephen Levitt	 "Fast Food Nation" Eric Schloss
 Radio 4 podcast - Marxism	 Sage: Sociology, Ideologies and Gender Equality	 BBC documentary London riots.
 'A Clockwork Orange'	 'Murdered by my Boyfriend/Dad/Father	 Conduct an observation on lunchtime behaviour
 Find the entry requirements for the best and worst universities	 Research the death of ....	 Write a report on the reasons for the London Riots
 Research and create a fact- file on the murder of Stephen Lawrence	 Research and create a fact file on the boys who killed James Bulger	 Marx Memorial Library

**KEY:**

	Reading task		Writing task
	Listening task		Watching task
	Research task		Trip or visit
	Creative task		Student-led task