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Suggested Books and Podcasts

Literature of non UK Countries

Arabic

- *Beirut 39, Samuel Shimon and Hanan Al-Sheikh* - a collection of short stories
- *1000 And One Nights* (known in English as *Arabian Nights*) - a collection of short stories by various authors from various Middle Eastern countries

Australia

- *Voss* – Patrick White
- *The Song Lines* – Bruce Chatwin
- *The Secret River* – Kate Grenville
- *Carpentaria* – Alexis Wright

Chinese

- *Journey to the West* - Wu Cheng'en (Abridged English version is titled *Monkey*, edited by Arthur Waley)
- *Water Margin* - Shi Nai'an

French

- *Les Miserables* - Victor Hugo
- *The Elegance of the Hedgehog* - Muriel Barbery
- *The Little Prince* - Antoine De Saint-Exupéry

German

- *All Quiet on the Western Front* - Erich Maria Remarque
- *The Reader* - Bernhard Schlink
- *Why We Took the Car* - Wolfgang Herrndorf

Indian

- *A Suitable Boy* – Vikram Seth
- *The God of Small Things* – Arundhati Roy
- *Midnight's Children* – Salman Rushdie
- *Shantaram* – Gregory David Roberts

Italian

- *In The Name of the Rose* – Umberto Eco
- *The Path to the Nest of Spiders* - Italo Calvino
- *This is the Man* - Primo Levi
- *The Truce* - Primo Levi

- *If Not Now, When?* - Primo Levi

Japanese

- *Hard-boiled Wonderland and the End of the World*, Haruki Murakami
- *1Q84*, Haruki Murakami

Greek

- *Confronting the Classics: Traditions, Adventures and Innovations* - Mary Beard
- *The Iliad* - Homer (trans. Martin Hammond)

Latin

- *Confronting the Classics: Traditions, Adventures and Innovations* - Mary Beard
- *The Metamorphosis* – Ovid

Nigerian

- *The Famished Road* – Ben Okri
- *Half of a Yellow Sun* - Chimamanda Ngozi Adichie
- *Things Fall Apart* - Chinua Achebe

Russian

- *Life and Fate* – Vassily Grossman
- *One Day in the Life of Ivan Denisovich* – Alexander Solzhenitsyn
- *Doctor Zhivago* - Boris Pasternak
- *Fathers and Sons* - Ivan Turgenev
- *The Master and Margarita* - Mikhail Bulgakov

South Africa

- *Cry, The Beloved Country* – Alan Paton
- *Disgrace* - J. M. Coetzee
- *Long Walk to Freedom* – Nelson Mandela

Spanish

- *One Hundred Years of Solitude* - Gabriel Garcia Marquez
- *The House of Spirits* - Isabel Allende
- *The Shadow of the Wind* - Carlos Ruiz Zafón

Curriculum Subjects

Art

- *Blimey! From Bohemia to Britpop* - Matthew Collings
- *Michelangelo and the Pope's Ceiling* - Ross King
- *The Agony and the Ecstasy* - Irving Stone (fictional account of the life of Michelangelo)
- *The Horse's Mouth* - Joyce Carey
- *The Story of Art* - Ernst Gombrich

Business and Economics

- *Almost Everyone's Guide to Economics* - J. K. Galbraith
- *The Affluent Society* - J. K. Galbraith
- *How to Speak Money* - John Lanchester
- *Cautionary Tales* podcast – Tim Harford

Computer Science

- *Algorithmics: The Spirit of Computing* - David Harel and Yishai Feldman
- *Computational Fairy Tales* - Jeremy Kubica
- *Outnumbered: From Facebook and Google to fake news and filter-bubbles – the algorithms that control our lives* - David Sumpter
- *AI: Its Nature and Future* - Margaret A Boden

Design

- *The Language of Things* - Deyan Sudjic
- *Abstract: The Art of Design* – award winning documentary series on Netflix
- *The Design of Everyday Things* – Donald A Norman
- *Universal Principles of Design* – William Lidwell

Geography

- *Factfulness* - Hans Rosling
- *On the Map: A Mind-expanding Exploration of the Way the World Looks* - Simon Garfield
- *Prisoners of Geography: Ten Maps That Tell You Everything You Need to Know About Global Politics* - Tim Marshall
- *The Power of Place: Geography, Destiny and Globalisations's Rough Landscape* - Harm de Blij

History

- *The First Crusade: The Call from the East* - Peter Frankopan
- *The Silk Roads: A New History of the World* - Peter Frankopan
- *The Realities Behind Diplomacy* - Paul Kennedy
- *Revisionist History* podcast – Malcolm Gladwell
- *Letter from America* podcast – Alastair Cooke

Mathematics

- *To Infinity and Beyond: A Cultural History of the Infinite* - Eli Maor
- *A Beautiful Mind* – Sylvia Nasar
- *What is Mathematics, Really?* - Reuben Hersh
- *What Are The Chances?* – Bart K Holland

- *The Science of Secrecy* – Simon Singh

Music

- *Music: A Very Short Introduction* - Nicholas Cook
- *Musicophilia* – Dr Oliver Sacks
- *How Music Works* – David Byrne
- *This Is Your Brain on Music: The science of a human obsession* – Daniel J Levitin

Politics

- *In Defence of Politics* - Bernard Crick
- *Prisoners of Geography: Ten Maps That Tell You Everything You Need to Know About Global Politics* - Tim Marshall
- *Political Thinking* podcast – Nick Robinson

Psychology

- *Talking to Strangers* – Malcolm Gladwell (also available as an audiobook with extra content)
- *Mind Changers* podcast
- *All in the Mind* podcast
- *Thinking Fast and Slow* - Daniel Kahneman
- *The Chimp Paradox* – Dr Steve Peters
- *The Human Brain (A guided tour)* – Dr Susan Greenfield
- *Cautionary Tales* podcast – Tim Harford

Religion, Philosophy and Ethics

- *Rethinking Life and Death* - Peter Singer
- *Sophie's World* - Jostein Gaarder
- *The Case for Religion* - Keith Ward
- *The Sea of Faith* - Don Cupitt
- *Philosophy* - Julian Baggini
- *The God Delusion* – Richard Dawkins
- *The Puzzle of God* - Peter Vardy
- *The Pig That Wants to be Eaten and 99 other thought experiments*

Science

- *A Brief History of Everything* - Bill Bryson (uses Geology and Evolution to explain how the Earth was formed through to why it is as it is today)
- *Bad Science* - Ben Goldacre (the importance of good experimental design and use of statistics in Science)
- *Genome* - Matt Ridley (genetics)
- *H₂O: A Biography of Water* - Philip Ball (relevant to biologists and chemists)
- *Six Easy Pieces* - Richard Feynman (Physics)
- *The Ancestor's Tale* - Richard Dawkins (Evolution)
- *The Selfish Gene* - Richard Dawkins (Genetics)
- *The Infinite Monkey Cage* podcast – Brian Cox and Robin Ince

Sport

- *Life Beyond Sport* podcast



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Business

	Start-up (KS4)	Expansion (KS5)
Read	<p>https://www.bbc.co.uk/news/business</p> <p>https://www.theguardian.com/uk/business</p> <p>The business section of broadsheet newspapers</p>	<p>https://www.businessinsider.com</p> <p>Anyone can do it - Duncan Bannatyne Losing my virginity - Richard Branson The Undercover Economist – Tim Harford (for full recommended reading list please refer to the Year 12 Business handbook in the Business A Level folder in the student shared area)</p>
Watch	<p>The Apprentice, Dragons Den, Inside the factory</p> <p>BBC / ITV or Channel 4 news</p> <p>Films: The Social Network, The Founder, Steve Jobs</p>	<p>BBCRadio4 – In Business SKY Business News</p> <p>Follow on Twitter: @BBCBUSINESS @Peston @BBCRadio4 @TheEconomist</p>
Do	<p>Visit local businesses (cafes, restaurants, small retailers) and consider how they could be improve</p> <p>Research the background of a variety of different entrepreneurs and businesses. Why are they successful? What sets them apart from others that have failed?</p> <p>http://www.thesmallsbusinessgame.co.uk</p>	<p>Watch Ted Talks by Business leaders and entrepreneurs</p> <p>Join Young Enterprise and experience the risks and rewards of running your own company!</p>
Revision	<p>Edexcel GCSE 9-1 Business Textbook by Ian Marcouse (supplied to all Year 10 and Year 11 students to support with further reading)</p> <p>Theme 1 and Theme 2 Revision slides in the Business GCSE folder available through RM Portico on the SRMS Moodle site</p> <p>Exam technique slides and Revision workbooks available through RM Portico on the SRMS Moodle site</p>	<p>Edexcel AS/A level Business textbook 5th edition – Pearson</p> <p>Theme 1, 2, 3 and 4 Theory slides Tutor2U Course Companion Year 12 and Year 13 (Both of the above are available in the student shared area through RM Portico on the SRMS Moodle site)</p> <p>https://www.tutor2u.net/business/reference</p>



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Chemistry

	Start-up (KS3/4)	Expansion (KS4/5)
Read	<p>Molecules at an exhibition by John Emsley</p> <p>Vanity, Vitality and Virility by John Emsley - short stories about the chemicals used in everyday life and the truth behind certain chemical scare stories</p> <p>The elements of murder by John Emsley – Descriptions of the effect of various poisons along with descriptions of famous criminal cases which featured their use</p> <p>Molecules that amaze us by Simon Cotton</p>	<p>Why chemical reactions happen by James Keeler, Peter Wothers</p> <p>Chemical structure and Reactivity by James Keeler, Peter Wothers</p> <p>Oxford Chemistry Primers</p>
Watch	<p>https://www.youtube.com/user/ScienceChannel variety of different science related shows.</p> <p>http://www.periodicvideos.com/ videos on almost every element of the periodic table</p>	<p>https://www.khanacademy.org/signup sign up as a learner to watch videos as a learner</p>
Do	<p>Using Chemspider http://www.chemspider.com/. type in the name of a drug to discover its structure and properties</p>	<p>http://www.c3i6.org/ Cambridge Chemistry Challenge</p> <p>www.chemguide.co.uk has useful links to a variety of resources</p> <p>http://www.chalkbored.com find a resource on a topic of interest or you need practice with.</p>
Revision	<p>https://www.youtube.com/user/virtualschooluk Fuse school videos in bite sized chunks of learning</p> <p>https://www.freesciencelessons.co.uk/ Range of videos covering much of the GCSE syllabus</p>	<p>Allery Chemistry on you tube – range of revision videos for A Level chemistry – pick your exam board to ensure it is relevant</p>



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Computing

	Start-up (KS4)	Expansion (KS5)
Read	<p>GCSE Computer Science - BBC Bitesize</p> <p>www.bbc.co.uk/bitesize/subjects/z34k7ty</p> <p>GCSE Computer Science learning resources organised by topic.</p>	<p>Isaac Computer Science</p> <p>Free online study platform for A-Level Computer Science</p>
Watch	<p>YouTube: Computer Science Tutor</p> <p>Computer Science Tutor Videos</p> <p>YouTube: Craig and Dave - Theory Videos</p> <p>https://www.youtube.com/craigndave</p> <p>Below is a link to the Royal Institution Lectures 2008 and associated resources available from RI. Most of Lecture 2, especially the first and last third, is relevant to teaching about the fundamentals of computer systems and can be shown in sections to the class.</p> <p>www.rigb.org/christmaslectures08</p> <p>The link below contains full online episodes from the Royal Institution Lectures 2008</p> <p>Royal Institute Christmas Lectures (2008)</p> <p>The link below includes short extracts from each of the Christmas Lecture including full transcripts of each lecture and links to useful related resources.</p>	<p>YouTube: Computer Science Tutor</p> <p>Computer Science Tutor Videos</p> <p>YouTube: Craig and Dave - Theory Videos</p> <p>https://www.youtube.com/craigndave</p>

	<p>Under the surface - The Royal Institute Christmas Lectures 08</p>																							
Do	<table border="1"> <thead> <tr> <th>Resource</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Thunkable</td> <td>Make your own app using a drag and drop interface</td> </tr> <tr> <td>X-Ray Goggles</td> <td>Remix any website to include your own content</td> </tr> <tr> <td>BBC Computing News</td> <td>Articles related to the teaching of computing from the BBC News website</td> </tr> <tr> <td>iDEA</td> <td>Badges and awards to demonstrate digital, enterprise and employability skills</td> </tr> <tr> <td>CyberStart Go</td> <td>Cybersecurity challenges based on the Cyber Discovery programme</td> </tr> <tr> <td>Oracle Academy</td> <td>Self study courses, free software licenses and bootcamps</td> </tr> <tr> <td>Girls Who Code - At Home</td> <td>New computing activities released weekly, with a focus on women in tech</td> </tr> <tr> <td>CS4FN</td> <td>Explore how computer science is about people, creativity and even magic!</td> </tr> </tbody> </table>	Resource	Description	Thunkable	Make your own app using a drag and drop interface	X-Ray Goggles	Remix any website to include your own content	BBC Computing News	Articles related to the teaching of computing from the BBC News website	iDEA	Badges and awards to demonstrate digital, enterprise and employability skills	CyberStart Go	Cybersecurity challenges based on the Cyber Discovery programme	Oracle Academy	Self study courses, free software licenses and bootcamps	Girls Who Code - At Home	New computing activities released weekly, with a focus on women in tech	CS4FN	Explore how computer science is about people, creativity and even magic!	<table border="1"> <thead> <tr> <th>Resource</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>CodingBat</td> <td>Coding practice in Java and Python</td> </tr> </tbody> </table>	Resource	Description	CodingBat	Coding practice in Java and Python
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	<p><u>Snakify</u> Learn Python and web design with over 200 exercises</p> <p><u>CodeAcademy</u> Learn a vast range of programming languages online, including Python</p> <hr/>	
Revision	<p>Computer Science (GCSE Computer Science - BBC Bitesize): https://www.bbc.co.uk/bitesize/examspecs/zmtchbk</p> <p>Computer Science revision tool: https://www.senecalearning.com/en-GB/blog/gcse-computer-science-revision/</p> <p>GCSE computer science past papers and revision materials : https://mathsmadeeasy.co.uk/gcse-computer-science/</p> <p>Revise Computer Science offers revision courses : https://revisecomputerscience.com/</p>	<p>OCR A-Level Computer Science Revision: https://www.physicsandmathstutor.com/computer-science-revision/a-level-ocr/</p>



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English

	Start-up (KS3/4)	Expansion (KS4/5)
Read	<ul style="list-style-type: none"> Read widely and regularly. Reading a little everyday is the way to develop Reading as a habit. Mrs Turrell in the library has some excellent recommendations of books for each year group. The library is also really well stocked – so pay it a visit! Keep a Reading Diary and a list of books you would like to read Ask your friends and family what they are reading. You can then compare your responses. 	<ul style="list-style-type: none"> Read book reviews in newspapers for inspiration – try The Guardian/Sunday Observer/The Daily Telegraph/the Times Read articles aimed at GCSE and A-Level students in the English and Media magazine www.englishandmedia.co.uk <p>Username – srmseng Password – rogerenglish</p> <ul style="list-style-type: none"> Use the fantastic articles on the British Library website to support your study of Literature: https://www.bl.uk/learning/online-resources
Watch	<ul style="list-style-type: none"> Film adaptations of books you have read Film adaptations of books you are studying Watch the film then read the book , or the other way round. Keep an eye out for National Theatre Live screenings at your local cinema – either of the texts you have studied or some of the other wonderful productions they put on. Much cheaper than going up to the theatre in London, and an excellent experience. 	<ul style="list-style-type: none"> Make a trip to the Globe theatre in the Spring or Summer. The cheapest standing tickets are £5. You can get a really good sense of how Shakespeare plays were performed in Shakespeare’s time – and they are always really entertaining. Watch film versions of the texts you are studying and make notes on how they are different to the way you had pictured the text, or where they have added in details that are not in the text. Think about why they have done this.
Do	<ul style="list-style-type: none"> Try to visit some of the places that have been referred to in your reading. (A family visit if it’s not too far away?) Find out what is on at the theatre locally. The earlier you book the cheaper the tickets can be. <ul style="list-style-type: none"> Enter some of the many writing competitions aimed at young people- For example – Young writers has competitions throughout the year: https://www.youngwriters.co.uk/competitions/secondary-school.php <p>Here is a website with lots of other suggestions for competitions: https://schoolreadinglist.co.uk/competitions-for-children/childrens-writing-competitions/ Visit Sherlock Holmes house at 221B Baker Street in London.</p>	<ul style="list-style-type: none"> Pack a rucksack and a tent and head off to a Literary Festival where you can hear really interesting people talking about their writing. (Take some friends too!). Look at this website to find out where and when they are. A day trip might be possible: http://www.literaryfestivals.co.uk/ Visit a famous author’s house – For Example: Vita Sackville West - https://www.nationaltrust.org.uk/sissinghurst-castle-garden Virginia Woolf - https://www.nationaltrust.org.uk/monks-house Jane Austen - https://www.jane-austens-house-museum.org.uk/visit-us Charles Dickens’ house in Broadstairs - https://www.thanet.gov.uk/info-pages/dickens-house-museum/ Then try one of their novels if you haven’t already <p>Enter some of the many writing competitions aimed at young people- For example – Young writers has competitions throughout the year:</p>

	<p>On a rainy day play Scrabble or do crosswords – both excellent ways of developing your vocabulary and spelling.</p>	<p>https://www.youngwriters.co.uk/competitions/secondary-school.php</p> <p>Here is a website with lots of other suggestions for competitions: https://schoolreadinglist.co.uk/competitions-for-children/childrens-writing-competitions/</p>
<p>Revision</p>	<p>BBC Bitesize is an excellent resource for many GCSE texts. There are lots of Youtube revision lessons on all the texts you have studied, as well as help with your English Language. One of the most popular is Mr Bruff: https://www.youtube.com/channel/UCM2vdqz-7e4HAuzhpFuRY8w</p> <p>The most important thing you can do to revise your Literature texts is to re-read them carefully several times. Make new notes on characters/themes/relationships.</p> <p>Use the internet to help you develop your understanding of Context. Try to anticipate the sorts of questions you might be set. Imagine you were the examiner. What questions would you ask? Then plan your response – looking carefully through the text for useful evidence.</p>	<ul style="list-style-type: none"> • For A Level students and GCSE students, reading the academic articles mentioned above are an excellent way of consolidating your revision. • The internet is full of revision resources – to consolidate your learning. • Re-read each text several times – you will see different things in it each time. • Watch film versions – noting the differences and considering how each film has interpreted the text.



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French

Learning a language is a lot like learning a musical instrument– the more you practise, the more concerts you attend, the more music you hear, the greater your mastery of that instrument. Language used in the classroom is useful, but there is always so much more that you can't learn in a single hour! To become fluent in a language, you have to find as many ways as possible to immerse yourself in the language and culture of the country (or countries) where it is spoken. The obvious way to do this is to go abroad, taking advantage of school trips and exchanges, but at home, you might like to try:

	Launch (KS3/4)	Take Off (KS4/5)
Read	<p>You might like to try reading a longer novel– or collection of short stories, look in the library, where there is a brand new collection of youth literature, or ask in the department for the following books:</p> <ul style="list-style-type: none"> ▪ <i>Les vacances du Petit Nicolas</i> SEMPÉ-GOSCINNY ▪ <i>Oscar et la Dame rose</i> Eric Emmanuel-Schmidt ▪ <i>Monsieur Ibrahim et les fleurs du coran</i> Eric Emmanuel-Schmidt <p>E-reader owners also have access to many French books for free via amazon.co.uk.</p> <p>If that's not enough, ask in the languages office about a subscription to the Mary Glasgow French magazines which are aimed at people your age.</p>	<p>You might like to try reading a longer novel– or collection of short stories, look in the library, which has a new collection of youth literature, or ask in the department for the following books:</p> <ul style="list-style-type: none"> ▪ <i>Un jeune home seul</i> Roger Vailland ▪ <i>Un sac de billes</i> Joseph Joffo ▪ <i>Germinal</i> Emile Zola ▪ <i>La Place</i> Annie Ernaux ▪ <i>La Peste</i> Albert Camus <p>E-reader owners also have access to many French books for free via amazon.co.uk. French poetry is also a rich resource for reading for pleasure!</p>

<p>Watch</p>	<p>It really doesn't matter what you read or research, the important thing is to find something that interests you. You might like to consider:</p> <ul style="list-style-type: none"> ▪ <i>Le Petit Prince</i> Antoine de Saint-Exupéry ▪ <i>Le Petit Nicolas</i> Laurent Tirard ▪ <i>Les aventures de Tintin: Le secret de la licorne</i> Steven Spielberg & Peter Jackson (French subtitles / audio!) ▪ <i>Les choristes</i> Christophe Barratier 	<p>It really doesn't matter what you read or research, the important thing is to find something that interests you. You might like to consider:</p> <p><i>Entre les murs</i> Laurent Cantet & Eric Toledano</p> <p><i>Les 400 coups</i> François Truffaut</p> <p><i>Les enfants du Paradis</i> Marcel Carné</p> <p><i>Danny Boon</i></p> <p><i>Le grand voyage</i> Ismaël Ferroukhi</p> <p><i>Amélie</i> Jean-Pierre Jeunet</p> <p><i>Un long dimanche de fiançailles</i> Jean-Pierre Jeunet</p> <p><i>Intouchables</i> Olivier Nakache</p> <p><i>Qu'est-ce qu'on a fait au bon dieu?</i> Philippe de Chauveron</p> <p><i>Bienvenue chez les Ch'tis</i></p> <p><i>Le Placard</i> Francis Veber</p> <p><i>Au revoir les enfants</i> Louis Malle</p>
<p>Do</p>	<ul style="list-style-type: none"> ▪ Get the latest news at http://www.newsinslowfrench.com/ ▪ Find key topics and short online activities on www.funwithlanguages.vacau.com ▪ Listen to French radio, or download a podcast for the journey to school: www.franceinfo.fr (Podcast) ▪ Research articles affecting young people at : www.ljourlactu.com ▪ Read a daily newspaper via www.lemonde.fr or www.lefigaro.fr or the more accessible www.lepetitquotidien.fr ▪ Listen to French songs to practise your pronunciation at: www.lepointdufle.net/chansons.htm ▪ Participate in Routes into Languages competitions ▪ Research a French recipe and make it at home ▪ Research a French speaking country– and produce a guide in a form of your choice ▪ Follow your favourite French football or rugby team at www.lequipe.fr ▪ Watching French television: go to www.tfl.fr to access news, sports and cultural programmes 	<p>Aim to show an interest in the history, politics and cultural life of the country whose language you are studying. The BFI in London often runs a French cinema week in the summer, and all of the major London galleries house French artworks drawn from over the last few centuries. Why not pick an artist, or a film director and research their work, the themes they explore and the impact they had internationally?</p> <ul style="list-style-type: none"> ▪ Watch French television: go to www.tfl.fr to access news, sports and cultural programmes ▪ Access topics, film, literature and more at www.funwithlanguages.vacau.com ▪ 'Duolingo' and other free language-learning Apps on your smartphones ▪ Listen to French radio, or download a podcast for the journey to school: www.franceinfo.fr (Podcast) ▪ Research articles affecting young people at : www.letudiant.fr ▪ Read a daily newspaper via www.lemonde.fr or www.lefigaro.fr or www.l-actu.fr or a more accessible www.monquotidien.fr ▪ Listen to French songs to practise your pronunciation at: www.lepointdufle.net/chansons.htm or try www.lyricstraining.com ▪ Participate in the Oxford essay writing competitions advertised each year
<p>Revise</p>	<ul style="list-style-type: none"> ▪ Review your learning and go beyond set classroom topics on www.memrise.com and www.quizlet.com 	



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Maths

	Start-up (KS3/4)	Expansion (KS4/5)
Read	<p>There are many great and prolific authors, some of the maths department's favourites are:</p> <p>Simon Singh – <i>The Simpsons and their Mathematical Secrets, The Code Book</i> Martin Gardener – Many titles on logic, puzzles and activities Edwin A Abbott – <i>Flatland, a Romance in 2 Dimensions</i> Marcus De Sautoy – <i>The Music of the Primes</i> Matt Parker – <i>Things to Make and Do in the 4th Dimension</i> Rob Eastaway – <i>How long is a piece of String?</i> Hans Magnus Enzensberger - <i>The Number Devil</i> Maths for Minecrafters – a series of titles Detective Stories Also logic puzzle books, Sudoku, or similar</p>	<p>So many great and prolific Authors, so anything by:</p> <p>Robin Wilson - <i>Lewis Carroll in Numberland</i> Ian Stewart – <i>Does God Play Dice?</i> David Sobel- <i>Longitude</i> Alex Bellos – <i>Alex's adventures in Numberland</i> Edwin A Abbott – <i>Flatland, a Romance in 2 Dimensions</i> Simon Singh – <i>The Maths of the Simpsons</i> Marcus De Sautoy – <i>The Music of the Primes</i> Matt Parker – <i>Things to Make and Do in the 4th Dimension</i> Ben Hoffman – <i>The Man Who Loved Numbers</i> Detective Stories Also logic puzzle books, Sudoku, or similar</p>
Watch	<p>Films: A Beautiful Mind, X&Y, The Theory of Everything, Hidden figures, The Man Who Knew Infinity, Good Will Hunting, The Imitation Game, Listen on Radio 4/Sounds app: More or Less, The Infinite Monkey Cage</p>	<p>Films: Beautiful mind, X&Y, Theory of Everything, Hidden figures, The man who knew infinity, Good Will Hunting, The Imitation Game, The Oxford Murders Listen on Radio 4/Sounds app: More or Less, The Infinite Monkey Cage</p>
Do	<p>UKMT individual and team challenges Maths Feast (year 10) National cypher challenge (Southampton university) Explore the My Maths site – there is more than just homework Cook, following recipes Help with DIY projects at home Games: Uno, Shut the Box, Monopoly Attend Maths Clinic</p>	<p>UKMT individual and team challenges Maths Feast (year 10) Maths Bombe (Southampton university) Explore the My Maths site – there is more than just homework Integral maths on the AMSP site Nrich.maths.org maths but not as you know it in the classroom Play darts – without an electronic score board Attend Maths Clinic</p>
Revision	<p>Mymaths.co.uk Your notes and past tests. Practice questions from school, revision guides Moodle – notes and worked exam questions</p>	<p>Mymaths.co.uk Your notes and past tests. Practice questions from school, revision guides, past papers Web: MadAsMaths, Physics and Maths Tutor, Integral, Kahn Academy</p>



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Music

	Start-up (KS4)	Expansion (KS5)
Listening	<ul style="list-style-type: none"> ▪ Every week choose one unfamiliar piece to listen to under 'General Listening' on PLATO. ▪ Listen to as much music as possible! Radio 3 and Classic FM are good for familiarising yourself with more classical styles – can you learn to recognise the characteristics of different eras and composers? ▪ Try Radio 6 for different styles of contemporary music and new artists ▪ Test yourself on instruments/styles of music on Focus on Sound ▪ Attend as many concerts as you can. Cheltenham Town Hall and Pittville Pump Room run regular concerts, as do Tewkesbury and Gloucester Cathedrals and the Stroud Subscription Rooms. Also consider travelling further afield to Birmingham (Symphony Hall and Adrian Boult Hall) and Bristol (Colston Hall). ▪ Cheltenham is lucky to host annual Music and Jazz festivals. As well as the concerts, there is a lot of free music to be heard. ▪ Take part in Music Society events. ▪ Use Citrix to access the software Auralia at home to practise your aural skills. 	<ul style="list-style-type: none"> ▪ Every week choose one unfamiliar piece to listen to under 'General Listening' on PLATO. ▪ Listen to as much music as possible! Radio 3 and Classic FM are good for familiarising yourself with more classical styles – can you learn to recognise the characteristics of different eras and composers? ▪ Try Radio 6 for different styles of contemporary music and new artists ▪ Test yourself on instruments/styles of music on Focus on Sound ▪ Attend as many concerts as you can. Cheltenham Town Hall and Pittville Pump Room run regular concerts, as do Tewkesbury and Gloucester Cathedrals and the Stroud Subscription Rooms. Also consider travelling further afield to Birmingham (Symphony Hall and Adrian Boult Hall) and Bristol (Colston Hall). ▪ Cheltenham is lucky to host annual Music and Jazz festivals. As well as the concerts, there is a lot of free music to be heard. ▪ Take part in Music Society events. ▪ Use Citrix to access the software Auralia at home to practise your aural skills.
Performing	<ul style="list-style-type: none"> ▪ Join a choir, this will improve both you singing and aural skills. ▪ Join a band or orchestra, either at school or one in your area run by Gloucestershire music service. ▪ If you already play at county level, why not audition for the NCO/NYO or another national ensemble? You will learn so much just from the experience. ▪ Practise your sight reading and scales on a daily basis. ▪ Take part in Practice-a-thon http://www.clicsargent.org.uk/content/practice-thon 	<ul style="list-style-type: none"> ▪ Join a choir, this will improve both you singing and aural skills. ▪ Join a band or orchestra, either at school or one in your area run by Gloucestershire music service. ▪ If you already play at county level, why not audition for the NCO/NYO or another national ensemble? You will learn so much just from the experience. ▪ Practise your sight reading and scales on a daily basis. ▪ Take part in Practice-a-thon http://www.clicsargent.org.uk/content/practice-thon

Composing	<ul style="list-style-type: none"> ▪ Enter a composition competition – every year there is a BBC Proms and Cheltenham Festival one. Look out for emails from Miss Lane. ▪ Work to develop your music theory skills. Use the music theory page on the VLE or purchase the ABRSM or Trinity-Guildhall theory workbooks. ▪ If your traditional theory skills are already strong, London College of music also do some popular/jazz theory workbooks. ▪ Stretch yourself and broaden your skills. 	<ul style="list-style-type: none"> ▪ Enter a composition competition – every year there is a BBC Proms and Cheltenham Festival one. Look out for emails from Miss Lane. ▪ Work to develop your music theory skills. Use the music theory page on the VLE or purchase the ABRSM or Trinity-Guildhall theory workbooks. ▪ If your traditional theory skills are already strong, London College of music also do some popular/jazz theory workbooks. ▪ Stretch yourself and broaden your skills.
Reading & Research	<ul style="list-style-type: none"> ▪ Learn to improvise. ▪ Read the BBC Music Magazine, kept in both the school library and music department. ▪ Choose a composer whose music you like and try to find out more about him/her. Use the school library, ask to borrow some CDs from the music department office. ▪ Challenge yourself to learn a piece in a different style to that which you are 	<ul style="list-style-type: none"> ▪ Learn to improvise. ▪ Read the BBC Music Magazine, kept in both the school library and music department. ▪ Choose a composer whose music you like and try to find out more about him/her. Use the school library, ask to borrow some CDs from the music department office. ▪ Challenge yourself to learn a piece in a different style to that which you are accustomed



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PE

	Start-up (KS3/4) (Preparation for GCSE)	Expansion (KS4/5) (Preparation for A Level)
Read	Look through GCSE PE textbooks Information on BBC bitesize	Autobiographies PE review articles
Watch	Newsround for current issues in sport – Deviance/Gender/Health and Obesity	Podcasts News articles – particularly on current issues in sport; Deviance/Gender/Health and Obesity. Your peers playing your sport and begin to familiarise yourself with analysing their strengths and weaknesses through observation.
Do	Attend extra-curricular clubs and fixtures as you need to be strong in a range of sports to be successful. Work hard in KS3 core PE to prepare yourself for assessments in GCSE Practical PE.	Regular training in your chosen sport. Compete regularly in your chosen sport. Record footage of yourself playing your chosen sport so you can have an idea of your practical score early on in the course.



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RPE

	Start-up (KS3/4)	Expansion (KS4/5)
Read	Our library has a wide selection of books, journals and newspapers to allow students to engage and explore further the religions and the ethical and philosophical themes being studied.	Challenge yourself by reading more difficult authors. Stephen Law is an engaging philosopher who has written The Philosophy Files. Dr Law has visited our school to lead revision sessions with Sixth Formers. Professor Richard Dawkins, an evolutionary biologist and atheist has been a top-selling author with many books including The God Delusion.
Watch	Students are encouraged to watch the News, Discussion programmes, e.g. The Big Questions, Documentaries and Films, e.g. The Life of Pi. Many films have an ethical, religious and philosophical aspect.	Continue with the advice and suggestions made for KS3/4.
Do	Do listen to others – those who have a faith and those that don't. Do listen to the Radio, e.g. Radio 4's Beyond Belief and The Moral Maze, and podcasts – Spotify, U-tube, Audible. Do look at your attitudes, views, beliefs and values of the community, and country you are part of, and how they reflect the wider global community. Do attend a place of worship with a friend, or join the audience in a discussion programme. Do recognise that Philosophy and Ethics are explored in most subjects, e.g. Medical ethics and Animal rights in English and Science and Business ethics in Business and Economics.	Do immerse yourself in reading, reflecting, exploring and note-making. Continue with the advice and suggestions made for KS3/4.
Revision	At both KS3 and 4, but particularly GCSE, use the excellent text books provided to ensure you know the details.	Use the excellent textbooks, course companion notes, additional reading the department and library offers – the journals, e.g. Dialogue, and sample answers that are particularly aimed at A level students.



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Spanish

	Start-up (KS3/4)	Expansion (KS4/5)
Read	<ul style="list-style-type: none">• Magazines from the library or borrow them from the languages classrooms.• Articles and quizzes on BBC Languages.	<ul style="list-style-type: none">• Magazines from the library or languages classrooms.• Websites in Spanish on subjects you are interested in (try looking for things using https://www.google.es)• News articles - <i>BBC Mundo</i> is a good place to start. You could also try www.elpais.com and www.abc.es• Spanish literature from the library - start with short stories and parallel texts.
Watch	<ul style="list-style-type: none">• <i>Mi Vida Loca</i> on the BBC website.• Your DVDs with the language changed to Spanish. You can change the language of the subtitles as well!• Series such as <i>15 minutos</i>, <i>Voces españolas</i> or <i>La tienda de Luis</i> on YouTube• Spanish films such as <i>Valentín (PG)</i>, <i>El Sur (PG)</i>	<ul style="list-style-type: none">• <i>Extra en español</i> - you'll find it on https://eduteach.es/videos/episodios-espanol• Spanish language series or telenovelas like <i>Yo soy Betty la Fea</i> on YouTube.• http://www.rtve.es/television/series-tve/ (Spanish TV website). Many of the programmes have Spanish subtitles so you can see the transcript of what they are saying.• Spanish films such as <i>El laberinto del Fauno (15)</i>, <i>Nueve Reinas (15)</i>, <i>Volver (15)</i> - a lot of them are in the School library.

Do	<ul style="list-style-type: none"> • Interactive grammar/listening/reading/vocab activities on Kerboodle Spanish 9-1 website – use the Foundation resources. • Play grammar games on http://oye.languageskills.co.uk/index.html or https://conjuguemos.com 	<ul style="list-style-type: none"> • Interactive grammar activities from the Mira Year 10/11 textbook (you'll find it on Moodle) • Interactive grammar/listening/reading/vocab activities on Kerboodle Spanish 9-1 website – use the Higher resources. • (6th form) interactive exercises from the Dynamic Learning Website.
Revision	<ul style="list-style-type: none"> • GCSE Bitesize • Kerboodle Spanish 9-1 online textbook - watch the videos which help you prepare for the GCSE exams • Interactive version of the textbook on Moodle - look at the <i>Exam café</i> section • Learn vocabulary using the back of each chapter to prepare for listening/reading/translation exams. Listen to the audio files to improve your pronunciation and listening comprehension skills. 	<ul style="list-style-type: none"> • Learn vocabulary using the back of each chapter (10/11) or the vocab lists from each topic (6th Form) • Get past exam papers from www.aqa.org.uk (GCSE) or https://qualifications.pearson.com (A level) • Use your answers to the oral questions to revise for GCSE speaking and writing exams. For A level, research Spanish-speaking examples for the topics you need in the oral exam.