



Key Stage 4

The Super Curriculum

The Super Curriculum

Super curricular activities are those that take your regular curriculum *further*. They take the subjects you study in the classroom *beyond* that which your teacher has taught you or what you've done for home learning. For example, you may go into more depth on something you picked up in the classroom, 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 learnt and impressed by your efforts.

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

Dr Caroline Creaby
Deputy Headteacher: Curriculum

Super Curriculum – Year 10 & 11

Subject: COMPUTER SCIENCE

<p> The Register: The Register (nicknamed EI Reg) is a British technology news and opinion website. Keep up to date by subscribing and reading news articles regularly. https://www.theregister.co.uk/</p>	<p> The Pattern on the Stone: The Simple Ideas That Make Computers Work by Daniel Hillis</p> <p>A short but interesting read explaining the basic concepts of the computer in everyday language.</p>	<p> The GCHQ Puzzle Book: <i>Why not pit your wits against the people who cracked the Enigma?</i> This book will have you scratching your head for hours trying to solve some challenging problems.</p>
<p> The questions computers have never answered: There are still some problems which computers and their designers are yet to solve. But what are they? https://www.wired.com/2014/02/halting-problem/</p>	<p> Algorithms to Live By: The Computer Science of Human Decisions</p> <p>A fascinating exploration of how computer algorithms can be applied to our everyday lives.</p>	<p> Making all knowledge computational: Watch the TedTalk on Computing a theory of everything Stephen Wolfram https://www.youtube.com/watch?v=60P7717-XOQ&index=5&list=PLF7032F8EB1A4F9E2</p>
<p> BBC Click: Watch this weekly BBC television programme covering news and recent developments in the world of consumer technology and innovations. http://www.bbc.co.uk/programmes/b006m9ry/episodes/player</p>	<p> The story of computing: This Guardian blog talks about the Computing universe and the evolution of computers. https://www.theguardian.com/science/audio/2015/jan/30/computing-universe-science-weekly-podcast</p>	<p> The Internet of Things: Probably the most pervasive trend is the Web of Things, where just about everything we interact with becomes a computable entity. Research how future developments in this area may change or revolutionise our lives even further.</p>
<p> Artificial Intelligence – Write a short essay debating the following question - <i>Will Artificial Intelligence Replace Mankind?</i></p>	<p> CyberFirst – Get hands on with Cyber Security course run by GCHQ. They offer a variety of residential and non-residential courses. https://www.gchq-careers.co.uk/early-careers/cyberfirst.html</p>	<p> Build your own – <i>Looking to purchase a new computer or laptop?</i> Well, instead your challenge is to build your own! Purchase components separately to piece together in creating your own system.</p>
<p> SQL - Use these Khan Academy tutorials to learn how to use SQL to store, query, and manipulate data. https://www.khanacademy.org/computing/computer-programming/sql</p>	<p> Python - Develop your Python programming skills by challenging yourself to complete as many tasks on Snakify as you can. https://snakify.org/</p>	<p> Bletchley Park - Plan a visit to the home of codebreaking at Bletchley Park – The Mansion, Bletchley Park, Sherwood Drive, Bletchley, Milton Keynes, MK3 6EB https://bletchleypark.org.uk/</p>

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

Super Curriculum – Year 10 & 11

Subject: DANCE

 The Stage Newspaper https://www.thestage.co.uk/	 Fifty Contemporary Choreographers By Martha Bremser & Lorna Sanders.	 The Dancing Times http://www.dancing-times.co.uk/
 Audition Audition for a county dance company or Sandringham dance companies.	 Article Interview one of the Sandpit crew about putting on a production in the theatre and write an article.	 Review Write a review about a performance you have been to see at the Sandpit Theatre to go in the Sandprint.
 Ted talks 'A choreographer's creative process in real time'. https://www.ted.com/talks/wayne_mcgregor_a_choreographer_s_creative_process_in_real_time	 A performance at Sadlers Wells Theatre Sadlers Wells is a theatre in Angel, which hosts a variety of dance works from contemporary to hip-hop companies.	 Contact Choreography in Action http://www.bbc.co.uk/education/clips/zhq97ty
 Move It Dance Event http://www.moveitdance.co.uk/ Visit the U.K's biggest dance event.	 Victoria and Albert Museum https://www.vam.ac.uk/ Visit the world's largest museum of decorative arts and design.	 Danceworks Studio Take part in a dance class at Danceworks studios.
 Arts Award Take part in Silver or Gold Arts Award.	 Leadership Lead or assistant running a club for younger students.	 House Choreography/ House Arts Lead your house in the two dance house events



Reading task



Writing task



Listening task



Watching task



Research task



Trip or visit



Creative task



Student-led task

Super Curriculum – Year 10 & 11

Subject: DRAMA

C1/2: Devising Drama	C3: Presenting and Performing Texts	C4: Drama: Performance and Response
 <p>Write a monologue based on a character you have created in your Drama lessons. Be prepared to share the performance in front of an audience.</p>	 <p>Use the Digital Theatre app to watch and analyse 2 performances of a different style. For example a Frantic Assembly and a Shakespeare. What are the key stylistic differences? Identify features that you would adopt for your final performance.</p>	 <p>Watch a live production of Blood Brothers by Willy Russell. The production is on tour. Identify and make notes on how technical elements and acting skills were used to create impact on an audience.</p>
 <p>Direct a performance or take the lead in a Drama piece for House Performing Arts. Ensure that the script allows every student to perform and incorporate techniques to add depth.</p>	 <p>Use the website http://www.dialectsarchive.com/ to research an accent. Can you work to master this accent? Maybe you can think of a performance that you could incorporate it into.</p>	 <p>Experiment with different staging. Use a performance that you are currently working on and perform it in different layouts – 1) End-on 2) In-the-round 3) Apron 4) Traverse 5) Promenade. Identify and analyse the strengths and weaknesses of each stage space.</p>
 <p>Watch the A-Level Devised performances and make notes on their stimulus and how it links to the final product. Analyse the strengths and weaknesses and suggest ideas for improvement.</p>	 <p>Take part in extra-curricular opportunities in Drama:</p> <ul style="list-style-type: none"> • Direct a year 7 group in the Young Actors Company in preparation for their tour. • Support or take part in the Lower School Production in June (if you are in Year 10) • Take the lead in the Sandringham Actors Company for half a term. 	 <p>Go to the Sandpit Theatre and offer them your assistance when they need it. Independently fulfil that role and reflect on how your knowledge of how a professional theatre runs.</p>
 <p>Read a chapter of 'Stanislavski: An Actor Prepares'. This explores the fundamentals of naturalistic acting. Prepare a Stanislavski inspired rehearsal task to present to your group. The aim is to develop naturalistic acting skills.</p>	 <p>Choose, rehearse and perform a monologue or duologue from a play. Research the play and the character you are playing and use rehearsal techniques. How can you create impact on an audience?</p>	 <p>Go and speak to Mr Downs in the Sandpit Theatre and interview him about his role. Make notes and be ready to present your findings to your Drama teacher.</p>

	Reading task		Writing task
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Super Curriculum – Year 10
Subject: DESIGN & TECHNOLOGY

 Listen to a STEM talk podcast https://www.ihmc.us/stemtalks/	 Visit Borough market (in London) on a Saturday.	 Take a trip to London during the London Design Festival.
 Design quick and easy to use recipe cards for the kitchen.	 Make a contribution to the Guardians food supplement on their website.	 Listen to the Femmes of STEM podcast. https://www.femmesofstem.com/
 Create a leaflet for Open Evening about your experiences of D&T at Sandringham	 Write a food blog on healthy eating and provide tips to help students stay healthy.	 Enter a design competition with a group of friends.
 Start a cooking group with a group of friends	 If you have a question about one the recipes you've tried, contact the chef via Twitter, their website or by letter.	 Listen to TED talks on Emerging technologies.
 Visit the Good Food Show in Birmingham	 Visit Harry Potter Studios and see how the films were made.	 Take a walk around St Albans farmers market and get the ingredients for a fantastic new recipe to try at home.

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|  Reading task

 Listening task

 Research task

 Creative task |  Writing task

 Watching task

 Trip or visit

 Student-led task |
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Super Curriculum – Year 11
Subject: DESIGN & TECHNOLOGY

 Visit the Jeyre Museum in London.	 Visit the Four Designers Conference in London	 Research how sports nutrition has become a vital part of an athletes day to day life.
 Listen to TED talks on Sustainable living.	 Attend the Peterborough STEM festival www.peterboroughstemfestival.co.uk	 Listen to a STEM talk podcast https://www.ihmc.us/stemtalks/
 Visit Pinterest and look for a new idea to try and make at home.	 Demonstrate a new cooking skill you have learnt to the rest of the class.	 Listen to TED talks on a number of the healthy eating.
 Visit the Good Food Show in Birmingham	 Visit the London Design festival at the V&A museum.	 Watch a video about D&T on http://tv.data.org.uk/
 Visit www.bbc.co.uk/goodfood and try a new recipe from one of their pages.	 Give a talk to a KS3 group about your experiences in D&T and why you chose it for GCSE.	 Listen to TED talks on Design & Technology

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|  Reading task
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 Trip or visit
 Student-led task |
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Super Curriculum – Year 10
Subject: ECONOMICS & BUSINESS

 The Business Book (Big Ideas) DK	 Alan Sugar, What you see is what you get.	 Finding my virginity, Richard Branson
 The Economics Book (Big Ideas) DK	 The Design of Everyday Things, Dennis Norman	 Adapt, Tim Harford
 The Big Short (2015)	 Alex Polizzi The Fixer	 The Secret World of Lego, 4od
 The Apprentice	 Dragons Den	 Business Nightmares
 Coca Cola, Edmonton	 Museum of Brands and Branding, London	 Cadbury World, Birmingham

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|  Reading task
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 Trip or visit
 Student-led task |
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Super Curriculum – Year 11
Subject: ECONOMICS & BUSINESS

 The Big Short (2015)	 Inside Job (2010)	 Freakonomics (2010)
 Steve Jobs (2015)	 TED Talk Programming Your Mind for Success https://goo.gl/WSrHGw	 TED Talk What if there was no advertising https://goo.gl/Pycii2
 Fifty things that made the modern economy (Tim Harford)	 The Undercover Economist, Tim Harford	 Finding my virginity, Richard Branson
 How an economy grows and why it crashes, Schiff	 Crime and Economics, Albertson	 Soccernomics, Kuper
 Bank of England, Threadneedle Street, London	 Museum of Brands and Branding, London	 Cadbury World, Birmingham

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

Super Curriculum – Year 10

Subject: ENGLISH

 <p>Access articles on texts you have read in E-mag and The Literature Review magazines in the library</p>	 <p>Read <i>Robinson Crusoe</i> by Robert Louis Stevenson</p>	 <p>Research murder mystery plays – when were they popular, who wrote the most, what were typical themes</p>
 <p>Watch different versions of An Inspector Calls and think about how they are different/how they are similar</p>	 <p>Read <i>The Lord of the Flies</i> and think about how it fits in with post-war literature (like An Inspector Calls)</p>	 <p>Read articles from a broadsheet newspaper each week</p>
 <p>Write a blog on an issue or subject important to you</p>	 <p>Research the history of St Albans and write up what you find for The Sandprint</p>	 <p>Start a book group with a group of friends</p>
 <p>Watch a variety plays (amateur or professional) and keep a 'diary' of what you saw and what you thought of it – you could write regular reviews of local shows for The Sandprint</p>	 <p>Find an author you really enjoy and read their books – speak to your English teacher or the librarians for suggestions!</p>	 <p>Find a poet you really enjoy a read a collection of their work – speak to your English teacher or the librarians for suggestions!</p>
 <p>If you have a question about one the books/poems you've read, contact the writer via Twitter, their website or by letter.</p>	 <p>Visit one of the places suggested on this site such as Roald Dahl's house in Buckinghamshire or Sherlock Holmes museum in London - https://www.visitengland.com/things-to-do/literary-inspired-weekend</p>	 <p>Take a walk around St Albans and write creatively about – stories and descriptions of what you see.</p>

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Super Curriculum – Year 11
Subject: ENGLISH

 Read and study the Power and Conflict poetry cluster in the AQA anthology	 Read <i>Frankenstein</i> by Mary Shelley	 Research the gothic genre – its beginnings, how it has developed, what it is occupied with.
 Watch different versions of Macbeth on Digital Theatre	 Watch other Shakespearean tragedies on Digital Theatre	 Read articles from a broadsheet newspaper each week
 Write an article on an issue important to you either for The Sandprint or send it in to your local newspaper	 Write an article for E-Mag	 Start a book group with a group of friends
 Watch a variety of productions – amateur and professional – of set texts: <i>An Inspector Calls</i> , <i>Macbeth</i> , <i>Dr Jekyll and Mr Hyde</i>	 Read additional critical responses to set texts	 Read additional literature with thematic and contextual links to set texts
 Start up a writing club/student magazine	 Start-up/support a KS3 reading group	 Listen to TED talks on literature

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|  Reading task
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 Watching task
 Trip or visit
 Student-led task |
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Super Curriculum – Year 10 & 11

Subject: GEOGRAPHY

Challenge of Natural Hazards	The Living World	Physical Landscapes in the UK
 The Perfect Storm by Sebastian Junger	 Rainforests by Rhett Butler	 Notes from a small island by Bill Bryson
 Before the flood (2016) – Climate change and solutions.	 Plant Earth Human Planet Earth's Greatest Migrations	 BBC Coasts Series
 Use the United States Geological Survey (USGS) website (https://earthquake.usgs.gov/earthquakes/map/) to find a map of recent earthquakes. Copy and paste the map and describe where the recent earthquakes have occurred.	 Investigate commercial oil palm farming in Malaysia. <ol style="list-style-type: none"> 1. What is oil palm used for? 2. How is rainforest cleared to make way for this type of farming? 3. What damage is done to habitats and the natural environment? 	 Find an example of a coastline with headlands and bays. Search for a map or satellite photo and add labels to describe the main features. Find out about the different geology.
 A second powerful earthquake struck Nepal on 12 May 2015 under a month after the first earthquake. Write a one sided sheet explaining how this might affect the country's recovery?	 Imagine you are a conservationist working in a tropical rainforest. Write a two minute presentation on the importance of soil in the tropical rainforest biome.	 Hard engineering is one category of coastal management. Summarise the advantages and disadvantages of using hard engineering.
 BBC Four, In Our Time, Plate Tectonics http://www.bbc.co.uk/programmes/b008q0sp	 BBC Four, Costing The Earth, Heroines of the Rainforest http://www.bbc.co.uk/programmes/b08hnly0	 BBC Four, Holding Back the Sea http://www.bbc.co.uk/programmes/b04pbmk1
 Natural History Museum, London Science Museum, London	 Heartwood Forest Chiltern AONB Lee Valley Regional Park Epping Forest ZSL London Zoo ZSL Whipsnade Kew Gardens Rainham Marshes	 Swanage Bay Studland Peninsula River Colne River Ver Walton-on-the-naze

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Super Curriculum – Year 10 & 11
Subject: GEOGRAPHY

Urban Issues and Challenges	Changing Economic World	Challenge of resource management
 Trash by Andy Mulligan	 The bottom billion by Paul Collier? (YES!) Dead Aid: Why aid is not working and how there is another way for Africa by Dambisa Moyo	 The Burning Question: We Can't Burn Half the World's Oil, Coal and Gas. So How Do We Quit? By Berners-Lee
 The war to live in London: Regeneration Game (2015)	 'A Syrian Refugee's story'- TedEd	 Gasland (2010) Documentary Catching the Sun (2016)
 'Is Bristol a worthy Green Capital of Europe- or is it all for show?' The Guardian Online Research the above. Do you agree?	 'Why are many of the most polluted cities in the world in Nigeria?' http://edition.cnn.com/2016/05/31/africa/nigeria-cities-pollution/index.html	 'Natural Gas is the future , not coal' http://www.cbsnews.com/news/natural-gas-coal-future/ Do you agree? Are there alternatives?
 'Is Bristol a worthy Green Capital of Europe- or is it all for show?' Answer in no more than 500 words.	 'Can Nigeria develop whilst reducing dangerous pollution levels?' Answer in no more than 500 words.	 'Natural Gas is the future of Energy. Do you agree?' Answer in no more than 500 words.
 'Ghost town' by the Specials (1981) 'Ill manors' by Plan B (2012)	 'Do they know it's Christmas' (1984) by Band Aid	 BBC Radio 4 Podcast – The Bottom Line http://www.bbc.co.uk/programmes/b06z56m9
 Bristol- Bristol Harbourside, Temple Quarter, Cabot Circus, Bristol Arena, Bristol's Brunel's Engine Shed	 London Docklands Queen Elizabeth Olympic Park	 Science Museum, London The Green Britain Centre, Norfolk

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|  Reading task
 Listening task
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 Creative task |  Writing task
 Watching task
 Trip or visit
 Student-led task |
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Super Curriculum - Year 10

Subject: HISTORY

		
The Devil in the Marshalsea, Antonia Hodgson (novel)	Medieval Lives, Terry Jones	The Cold War, John Lewis Gaddis
		
'1066 A Year to Conquer England', BBC three-part documentary	'JFK', 1991 (film)	'Cold War', CNN documentary (Available on youtube)
		
Find out what your town/village was like in 1069 http://opendomesday.org/	Research more about the Cold War on the National Archives website http://www.nationalarchives.gov.uk/education/coldwar/	Research more about Crime and Punishment on the National Archives website
		
Battle of Stamford Bridge, Melvyn Bragg's In Our Time 2.6.2011 http://www.bbc.co.uk/programmes/b011jvlt	Listen to episodes from Dan Snow's 'History Hit' podcast: there are hundreds! http://www.historyhit.com/podcasts/dan-snows-history-hit/	The London Dungeons, London
		
1066 Battle of Hastings, Abbey and Battlefield	Stansted Mountfitchet Castle, Stansted	National Justice Museum, Nottingham

 Reading task

 Listening task

 Research task

 Creative task

 Writing task

 Watching task

 Trip or visit

 Student-led task

Super Curriculum - Year 11

Subject: HISTORY

		
'Schindler's Ark', Thomas Keneally (novel)	'Anne Frank's Diary', Anne Frank	'The Dark Charisma of Adolf Hitler', Lawrence Rees
		
'Hitler: The Rise of Evil', 2003 https://www.youtube.com/watch?v=dSjkpaXIXIE	'The Pianist', 2002 (film)	'Jack the Ripper: The Definitive Story', (2011) https://www.youtube.com/watch?v=u8VF4WKmccc
		
'Schindler's List', 1993 (film)	'Medieval Lives', Documentary (Available on youtube)	Second World War in Colour (Available on youtube)
		
'The Dark Charisma of Adolf Hitler', BBC Documentary series (Available on youtube)	Use the BBC iWonder interactive timeline to research the development of the Holocaust http://www.bbc.co.uk/timelines/z86nfg8	Listen to episodes from Dan Snow's 'History Hit' podcast: there are hundreds! http://www.historyhit.com/podcasts/dan-snows-history-hit/
		
Jack the Ripper Museum, London	The Holocaust Exhibition, Imperial War Museum	'The Clink' - Crime and Punishment Museum, London



Reading task



Listening task



Research task



Creative task



Writing task



Watching task



Trip or visit



Student-led task

Super Curriculum – Year 10

Subject: MATHEMATICS

<p> Why do buses come in threes? The Hidden Mathematics of Everyday Life.</p> <p>Rob Eastaway and Jeremy Wyndham's book will change the way you see the world!</p>	<p> What is Mathematics? An elementary approach to Ideas and Methods</p> <p>Richard Courant's book offers an entertaining and accessible portrait of the mathematical world.</p>	<p> Listen to maths documentary podcast – Relatively Prime, by Samuel Hansen – http://relprime.com/</p>
<p> The infinite hotel paradox https://www.youtube.com/watch?v=Uj3_Kqkl9Zo&feature=youtu.be</p>	<p> Research the life of Alan Turing and his contribution to the development of Mathematics.</p> <p>This website provides a starting point... https://rich.maths.org/8050</p>	<p> Research Archimedes and contributions to the world of Mathematics.</p>
<p> Create a revision video suitable for Key Stage 3 students on a topic of your choice</p>	<p> Create a written revision guide or revision resource for Key Stage 3 students on a topic of your choice</p>	<p> Research the origins of PI and how to derive it.</p> <p>How many decimal places can you remember it to?</p>
<p> The Four Colour Map Theorem https://youtu.be/NgbK43jB4rQ</p>	<p> Develop your understanding of irrational numbers and prove that root 2 is irrational</p> <p>https://www.khanacademy.org/math/algebra/rational-and-irrational-numbers/proofs-concerning-irrational-numbers/v/proof-that-square-root-of-2-is-irrational</p>	<p>  Research the Fibonacci Sequence and how it occurs in nature. This could be a starting point.</p> <p>http://www.maths.surrey.ac.uk/hosted-sites/R.Knott/Fibonacci/fibnat.html</p>
<p> Bletchley Park – visit Bletchley Park and explore the world of coding and maths https://www.bletchleypark.org.uk/visit-us</p>	<p> Man and the rise of Civilisation episode 1 – ‘The Beginnings of Numbers’ - https://www.youtube.com/watch?v=DVngFvtZwAU</p>	<p> Be inspired by series of Man and the rise of Civilisation documentaries and create the time line of key number and maths related discoveries.</p>

	Reading task		Writing task
	Listening task		Watching task
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	Creative task		Student-led task

Super Curriculum – Year 11

Subject: MATHEMATICS

<p> Magical Mathematics: The mathematical ideas that animate great magic tricks</p> <p>Persi Diaconis and Ron Graham's book reveals the secrets of fun-to-perform card tricks</p>	<p> The equation that couldn't be solved: How Mathematical Genius Discovered the Language of Symmetry</p> <p>Mario Livio explores the laws of symmetry, elegantly unifying scientific and artistic principles.</p>	<p> Listen to maths documentary podcast – Relatively Prime, by Samuel Hansen – http://relprime.com/</p>
<p> Research Pierre de Fermat and all his discoveries in CALCULUS</p>	<p> Research the life and work of Carl Friedrich Gauss and develop your understanding of his contributions to mathematics.</p>	<p> Spaghetti Trigonometry... Watch the demonstration and try it yourself to develop your understanding.</p>
<p> Create a revision video suitable for a Year 10 student on a GCSE topic of your choice.</p>	<p> Create a written revision guide or revision resource for a Year 10 student on a topic of your choice.</p>	<p> Develop your understanding of series and surds by exploring and attempting this problem.</p> <p>https://nrich.maths.org/901</p>
<p> Enjoying solving quadratic equations? Test yourself on these MEGA QUADRATIC EQUATIONS.</p> <p>http://nrich.maths.org/11009</p>	<p> Discover GAME THEORY by watching this video</p> <p>https://www.youtube.com/watch?v=MHS-htjGgSY&feature=youtu.be</p>	<p> Can you prove the quadratic formula? Find out how by watching this video.</p> <p>https://www.khanacademy.org/math/algebra/quadratics/solving-quadratics-using-the-quadratic-formula/v/proof-of-quadratic-formula</p>
<p> Can you take the square root of a negative number?</p> <p>Learn about IMAGINARY numbers here...</p> <p>https://www.khanacademy.org/math/algebra2/introduction-to-complex-numbers-algebra-2?t=practice</p>	<p> Contribute to a year-wide revision resource to support each other in revising for GCSE</p>	<p> Develop your problem solving skills by trying these UK Maths Challenge questions</p> <p>http://www.drfrostmaths.com/homework/browse.php?mode=ukmt</p>



Reading task



Writing task



Listening task



Watching task



Research task



Trip or visit



Creative task



Student-led task

Super Curriculum – Year 10

Subject: MEDIA STUDIES

 <p>Watch <i>The Woman in Black</i>.</p> <p>Write a short review highlighting how codes and convention of the Horror genre have been explored.</p>	 <p>Watch Star Wars: The Force Awakens</p> <p>Look to apply Propps character theory to this film.</p>	 <p>Watch an 2-3 episodes of Happy Valley (available on Netflix)</p> <p>Compare and contrast to Cuffs (studied within lessons)</p>
 <p>Play either Lego Batman Lego Star Wars or Lego Jurassic Park Video Game.</p> <p><i>How do they compare to film, how does the video game aspect develop audience interaction?</i></p>	 <p>Create a short study into the 1970s/80s crime television shows.</p> <p>For example, The Professionals, The Sweeney, The Saint and Lovejoy.</p>	 <p>Research 2 different music videos of your choice. & Consider how they use media language to represent young people and popular culture.</p>
 <p>Write a film review for any film of your choice!</p> <p>Try to use keywords and media language.</p>	 <p>Write a journalistic article about any subject you would like.</p> <p><i>Consider where the article would be published? How will this affect your writing/ use of language?</i></p>	 <p>Read the following blog to develop your understanding of Genre.</p> <p>http://www.filmsite.org/genres.html</p>
 <p>Go to the School Library and read an edition of the Media Magazine.</p> <p>Get a Photocopy of your favourite article.</p>	 <p>Take a trip to the London BFI – museum. http://www.bfi.org.uk/films-tv-people/4ce2b95159249</p>	 <p>Go and watch a film in the IMAX.</p> <p>Both Stevenage and Hemel Hempstead now house an IMAX screen.</p>
 <p>Challenge yourself by making a short film about a topic/style of your choice.</p> <p>Could be: Fact/Fiction, Film/TV....</p>	 <p>Stretch yourself by designing a new magazine!</p> <p>Can you create an authentic cover, with all of the key conventions.</p>	 <p>Go to the Odyssey cinema and see a classic.</p> <p>Feel free to write up a short review!</p>



Reading task



Writing task



Listening task



Watching task



Research task



Trip or visit



Creative task



Student-led task

Super Curriculum – Year 11
Subject: MEDIA STUDIES

 Watch Indiana Jones: Raiders of the lost Ark. <i>Look to identify the action generic conventions.</i>	 Watch the following documentary about <i>FRIENDS</i> . https://www.youtube.com/watch?v=llsqIsJR2Mk <i>This will help with the sitcom exam.</i>	 Watch <i>SPECTRE 'James Bond'</i> <i>Look to identify the conventions of actions adventure.</i>
 Watch any Pirates of the Caribbean film. <i>Look to identify the action generic conventions.</i>	 Watch 3 episodes of ' <i>Outnumbered</i> ' (Available on Netflix, Amazon Prime and BBC iPlayer). <i>Look to identify Sitcom conventions</i>	 Watch 3 episodes of ' <i>FRIENDS</i> ' (Available on Netflix, Amazon Prime and BBC iPlayer). <i>Look to identify Sitcom conventions</i>
 Take a trip to the London BFI – museum. http://www.bfi.org.uk/films-tv-people/4ce2b95159249	 Go to the Odyssey cinema and see a classic. Feel free to write up a short review!	 Research the concept of Genre , considering how it has changed and developed over time.
 Have a go at writing and blog. It can tackle any media form, but should consider key language and concepts	 Get creative – Create a short film, look to extend your use of the key practical techniques you have developed in class. <i>You could enter a competition!</i>	 Establish a small film club, carefully considering the film choices to entice and educate your audience. Ensure that you discuss you reactions to each text!
 Research how a particular group of people are represented across 3 different media forms. You may choose the style in which you present your research.	 Go to the library and read a few articles from the Media Magazine we subscribe to. Get your favourite article copied and shared among your peers.	 Print based challenge! Extend your Photoshop skills by creating an advertising campaign for your short film.

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

Super Curriculum – Year 10 & 11

Subject: MFL - FRENCH

 Classic stories with text, audio and pictures for reading along http://www.childtopia.com/index.php?module=videos&func=cuentos&newlang=fra	 Some nice, authentic French Haikus: http://www.modernhaiku.org/essays/frenchhaiku.html	 From the Library: Mary Glasgow magazines
 Watch an episode of Friends or another favourite box set in French	 Film: <i>Etre et avoir</i> – a documentary set in a rural school	 Film: <i>Intouchables</i> – an excellent comedy film about a disabled man and his carer
 Research how, when and why France became a republic	 Explore why France is the number one tourist destination in the world, with 84 million visitors annually	 Research the geography and the political makeup of France
 Listen to the free content Podcasts at <i>Coffeebreak French</i> : https://radiolingua.com/coffeebreakfrench	 Searchable MP3 clips by topic, level and language: http://www.audiolingua.eu/?lang=en	 Go onto Médecins sans Frontières website and listen to the presentations about their work all round the world http://www.msf.fr/msf
 Plan a long weekend in Paris. What would you visit? How would you look into and book accommodation?	 Plan a week's holiday in France and work out an itinerary.	 Plan a ski trip to the French Alps and cost the week (skiing, accommodation, food and travel)



Reading task



Listening task



Research task



Creative task



Writing task



Watching task



Trip or visit



Student-led task

Super Curriculum – Year 10 & 11

Subject: MFL – GERMAN

 Goethe Institut resources: http://bfu.goethe.de/a1_sd1/lesen.php	 Goethe Institut resources: https://www.goethe.de/en/spr/ueb.html	 From the Library: Mary Glasgow magazines
 Watch an episode of Friends or another favourite box set in German	 Film: <i>Das Leben der Anderen</i> Set in Communist East Germany when the Stasi (Secret Police) were spying on citizens	 Film: <i>Goodbye Lenin</i> A comedy set around the time the Berlin Wall came down (1989), in which a brother and sister try and pretend to their sick mother that nothing has changed in East Germany.
 Research how Germany and Berlin were divided into East and West following WW2.	 Research the building of the Berlin Wall in 1961 and events leading up to 1989 when it came down.	 Research the geography and the political makeup of Germany as a Federal Republic. What are the states that make up Germany and how do they differ?
 Listen to the free content Podcasts at <i>Coffeebreak German</i> https://radiolingua.com/coffeebreakgerman	 Access searchable MP3 clips in German: http://www.audiolingua.eu/?lang=en	 Access the free content at: http://slowgerman.com/
 Plan a long weekend in Berlin. What would you visit?	 Plan a week's holiday in Germany and work out an itinerary	 Plan a ski trip to Austria and cost the week (skiing, accommodation, food and travel)



Reading task



Writing task



Listening task



Watching task



Research task



Trip or visit



Creative task



Student-led task

Super Curriculum – Year 10 & 11

Subject: MFL - SPANISH

 Classic stories with text, audio and pictures for reading along: http://www.childtopia.com/index.php?module=videos&func=contentos&newlang=spa	 Authentic modern poetry in Spanish: http://eljardindedouglas.blogspot.com.es/search/label/Poes%C3%ADas	 From the Library: <i>¿Qué tal?</i> - Mary Glasgow magazines - Vibrant and visual magazines packed with short articles, comic strips, puzzles, quizzes, videos, interviews and songs
 Watch an episode of Friends or another favourite box set in Spanish	 Film: <i>Valentín</i> – the story of an eight-year-old boy who dreams of becoming an astronaut in 1960's Argentina	 Film: <i>Voces inocentes</i> – the struggles of a 12-year-old boy and his family during the civil war in El Salvador
 Find out about the Spanish Civil War	 Find out about the different official languages spoken in Spain	 Research the geography and the political makeup of Spain
 A selection of excellent podcasts to learn Spanish: https://www.fluentu.com/blog/spanish/spanish-podcasts/	 Searchable MP3 clips by topic, level and language: https://www.audio-lingua.eu/spip.php?rubrique4	 Listen to news and current affairs in Spanish: http://www.noticiasfacil.es/ES/Paginas/index.aspx
 Plan a long weekend in Madrid. What would you visit? How would you look into and book accommodation?	 Plan a week's holiday in the Basque Country and work out an itinerary.	 Plan a beach holiday in Andalucía (accommodation, food and travel)



Reading task



Writing task



Listening task



Watching task



Research task



Trip or visit



Creative task



Student-led task

Super Curriculum – Year 10

Subject: MUSIC

		
Listen to <i>Pie Jesu</i> from Faure's Requiem and compare it to Verdi's <i>Pie Jesu</i> .	Listen to the album, <i>Supernatural</i> by Santana	Listen to Aaron Copland's <i>Fanfare for the Common Man</i> . What is the most striking musical feature?
		
Watch Lang Lang performing a selection of Chopin's piano music.	Watch some live classical music	Create a timeline of the different musical styles
		
Research the differences between Latin musical dance styles (tango, salsa, samba and bossa nova)	Choose from the following contemporary British composers and produce a short biography. - Malcolm Arnold - Benjamin Britten - Peter Maxwell Davis - John Tavener	Write a glossary of musical terms and definitions
		
Write a song based on the topic you are currently studying.	Enter the Cambridge composer or the Herts Songwriter competition	Audition for a County or Music School group or choir
		
Lead your House Music event	Give a friend music lessons on the instrument you play	Lead a music group or choir and perform in a concert



Reading task



Writing task



Listening task



Watching task



Research task



Trip or visit



Creative task



Student-led task

Super Curriculum – Year 11
Subject: MUSIC

 Writing a concert review for the Sandprint or Ignite	 Watch a music documentary by Alex Ross or Howard Goodall.	 Watch the video from the World Science Festival with Bobby McFerrin, 'The power of the pentatonic scale.'
 Enter the Cambridge composer, the Herts Songwriter or the St Albans Young Musician of the year competition	 Audition for a County or Music School ensemble or choir	 Compose a short minimalist piece in the style of John Adams or Steve Reich
 Explore Digital Theatre Plus and watch at least one performance	 Listen to another Haydn Symphony and compare it to <i>The Clock</i> . Which one do you prefer?	 Watch some live classical music
 Go to a concert or workshop at the Royal Albert Hall, Southbank Centre or Barbican	 Create a playlist for each area of study and musical style you are studying, that could be passed onto Year 10 students as recommended listening	 Listen to the Hamilton soundtrack. How has hip hop influenced the score? How is different from Broadway in the 1950s and 60s?
 Learn to play the following from Sgt. Pepper's Lonely Hearts Club Band <ul style="list-style-type: none"> • With a Little Help from My Friends • Within You, Without You • Lucy in the Sky With Diamonds 	   Explore the Classic FM website and listen to at least five composers that are new to you.	 Lead a music group or choir and perform in a concert



Reading task



Writing task



Listening task



Watching task



Research task



Trip or visit



Creative task



Student-led task

Super Curriculum – Years 10 & 11
Subject: PHILOSOPHY, RELIGION & ETHICS

<p> Women and the Church: Read Chapter 13 of <i>Bible Matters</i> by Peter and Charlotte Vardy</p>	<p> Christianity: Read Chapter 2: From the Beginning of the Universe of <i>The Puzzle of Christianity</i> by Peter and Charlotte Vardy</p>	<p> Islam: Read the BBC Bitesize page on Good and Evil http://www.bbc.co.uk/schools/gcs ebitesize/rs/god/isgoodandevilrev 2.shtml</p>
<p> Euthanasia: Watch the Ted Talk, Beyond Life: Managing Your Right to Die by Dr. Allan Saxe https://www.youtube.com/watch?v=B7ehf6CmG4Y</p>	<p> Christianity: Watch 'A.J. Jacobs: My year of living biblically' https://www.youtube.com/watch?v=B5MkpzMAOZM Present the key ideas in a storyboard or mind-map</p>	<p> Islam: Watch the TedTalk on Islamophobia, What do you think when you look at me? Dalia Mogahed https://www.youtube.com/watch?v=wzkFoetp-M</p>
<p> Creation: Online research on Genesis - Read and make your own notes on the different views. http://www.faradayschools.com/re-topics/re-year-10-11/ways-to-interpret-genesis/</p>	<p> Christianity: Online research – Look at the information on Why didn't Christianity die out in the 1st Century? You're your teacher why http://www.bbc.co.uk/guides/ztpn39</p>	<p> Islam: Online research – Look at the information on the Angels. Make your own notes on this. http://www.bbc.co.uk/guides/zqtnwxs</p>
<p> War and conflict: Listen to the following Ted Talk What I saw in the war by Janine di Giovanni: https://www.youtube.com/watch?v=k2hQL9Zrokk</p>	<p> Christianity: Listen to the podcast on 'The God Particle' – consider Is the "God particle" truly "a blow to the Christian faith,"? https://player.fm/series/science-scripture-salvation/does-the-god-particle-prove-the-big-bang</p>	<p> Islam: Listen to the following podcast on the History of Islam https://player.fm/series/becoming-a-better-muslim-islamic-self-improvement-quran-sunnah</p>
<p> GCSE: Book yourself onto one of Peter Vardy's Candle Conferences https://candleconferences.com/gcse-rs/</p>	<p> Christianity: Plan a visit to the St Albans Cathedral St Albans AL1 1BY</p>	<p> Islam: Plan a visit to the St Albans Islamic Centre 141 Hatfield Rd, St Albans AL1 4JX</p>

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| <p> Reading task</p> <p> Listening task</p> <p> Research task</p> <p> Creative task</p> | <p> Writing task</p> <p> Watching task</p> <p> Trip or visit</p> <p> Student-led task</p> |
|---|---|

Super Curriculum – Year 10 & 11

Subject: PHYSICAL EDUCATION

 Read books on sport including: <ul style="list-style-type: none"> • The Sports Gene by David Epstein 2013 • Bounce by Matthew Syed 2011 • The Talent Code by Daniel 	 Read the Journal of Applied Physiology, Sport and Society	 Read the Journal of Sport and Exercise Psychology
 Icarus (2017) Bryan Fogel, Netflix	 BBC One Panorama – Catch me if you can (2015)	 Sports Science (2013) ESPN The Program (2015)
 The MCC and Lords museum	 Wimbledon Lawn Tennis Club Museum or Championship, Hatfield House/ Hampton Court - Real Tennis courts	 University of Hertfordshire Physiology Laboratories
 Represent the school in any sport including House Sports. Challenge yourself to represent the county.	 Perform for a sports club and challenge yourself to attend a new one	 Perform at the Senior Athletics Championships
 Lead an activity in Fit for Life Week.	 Captain a schools sports team	 Lead a session at a club or in school at a KS3 sports training session
 Write an article for the Ignite journal on an area of interest to you	 Write a glossary of anatomy and physiology used in your sport	 Write a coaching plan for any sport
 Create a scrapbook of any sport, sportsperson or sporting event from broadsheet newspapers	 Assess another performance and coach someone how to develop their skill and strategy in performance	



Reading task



Writing task



Listening task



Watching task



Research task



Trip or visit



Creative task



Student-led task

Super Curriculum - Year 10 & 11

Subject: SCIENCE

<p> Why don't penguins feet freeze? New Scientist</p> <p>There are lots of books in this series</p>	<p> Perfect People, Peter James</p>	<p> Bad Science: Quacks, Hacks and Big Pharma Flacks, Ben Goldacre</p>
<p> Incredible Medicine: Dr Weston's Casebook. Extraordinary cases that are bringing new discoveries about the human body. https://goo.gl/V82X5t</p> 	<p> Inside Nature's Giants video series https://www.youtube.com/watch?v=PFLSLyzGYK8.</p> 	<p> Crash course videos (Biology, Chemistry & Physics playlists) https://www.youtube.com/user/crashcourse/playlists?shelf_id=0&view=1&sort=dd</p> 
<p> Make a genetic sequence bracelet (your genome) http://www.yourgenome.org/activities/sequence-bracelets</p>	<p> Create your own quiz on Educake.</p>	<p> Watch a My GCSE Science video. https://www.my-gcse-science.com/</p> 
<p> Saturday Studio opportunities at the Wellcome collection. Try out creative activities inspired by Wellcome Collection (14-19)</p>	<p> Get involved with RAWMINDS A Wellcome Collection youth engagement initiative for teenagers 14-19 to experiment with art and science, get creative and learn new skills.</p>	<p> Write a news report about what you think is the most important scientific discovery</p>
<p> Natural History Museum, London</p>	<p> Science Museum, London</p>	<p> London Zoo</p>

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

Super Curriculum – Year 10 & 11

Subject: VISUAL ARTS

 <p>GCSE Bitesize Art and Design https://www.amazon.co.uk/Bitesize-Design-Complete-Revision-Practice/dp/1406654361/ref=sr_1_1?s=books&ie=UTF8&qid=1500456626&sr=1-1&keywords=gcse+bitesize+art</p>	 <p>Read The illustrated story of Art by DK https://www.amazon.co.uk/Illustrated-Story-Art-Dk/dp/1409316084/ref=sr_1_7?s=books&ie=UTF8&qid=1500455396&sr=1-7&keywords=the+story+of+art</p>	 <p>Simon Schama The Power of Art https://www.amazon.co.uk/Simon-Schamas-Power-Art-Complete/dp/B000GY78AU/ref=pd_lpo_sbs_14_t_0?encoding=UTF8&psc=1&refRID=RNEY6ASY0YSXTXJ10BEZ</p>
 <p>Visit the Google Cultural Institute Art Project website. This is an ongoing project where you will be able to see every piece of art work in the world: https://www.google.com/culturalinstitute/beta/partner?hl=en</p>	 <p>Visit any of the Tate Galleries including: Tate Britain, Tate Modern, Tate Liverpool or Tate St Ives http://www.tate.org.uk/visit/tate-modern http://www.tate.org.uk/visit/tate-liverpool http://www.tate.org.uk/visit/tate-st-ives</p>	 <p>Join art club and become a Young Arts Leader. Lead sessions for younger learners and take responsibility for creating exciting art work across the school.</p>
 <p>Take part in Silver Arts Award or Gold Arts Award (which will give you UCAS points). See Mrs Rees for details.</p>	 <p>Listen to the Grayson Perry Reith lectures:</p> <ol style="list-style-type: none"> 1. Democracy has bad taste: http://www.bbc.co.uk/programmes/b03969vt 2. Beating the Bounds: http://www.bbc.co.uk/programmes/b03dsk4d 3. Nice rebellion, welcome in! http://www.bbc.co.uk/programmes/b03f9bg7 4. I found myself in the art world: http://www.bbc.co.uk/programmes/b03g9mn1 	 <p>Buy a concertina sketchbook and make a continuous drawing that evolves and continues across many pages.</p>

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



Sandringham School

'Everybody can be Somebody'