



Nobel

Year 11
Super Curriculum

The Nobel Super Curriculum

In this booklet, you will find a range of challenges that encourage you to think about the learning that you can do outside of your lessons to become a more active and independent learner.

Whether you are applying your knowledge of the marketing mix to an episode of 'Dragon's Den', reading about the top ten equations that changed the world or researching the 'God particle', we hope that these activities inspire you to think independently about your learning. You might even be able to teach the staff a thing or two!

In an increasingly competitive job market, employers are looking for candidates who are able to think creatively and use their initiative to solve problems. Equally, the best universities want students who can think for themselves and participate in their learning. Activities on the super curriculum are designed to allow you to practise these skills and to give you evidence for applications in the future.

You should ask staff for guidance if you are unsure about any of the challenges. Please also tell your teacher when you 'complete' all nine activities for a subject. We will be interested to discuss this with you.

Finally, if you have any ideas about how we can improve the super curriculum, particularly if you have any ideas for challenges, please let your teacher know.

We hope that you enjoy the activities.

Bethany Jones
Teacher of Science

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Assistant Headteacher

Contents

Art.....	3
Business Studies	4
Computing.....	5
Design Technology	6
Drama.....	7
English.....	8
Food Technology	9
Geography	10
Health and Social Care	11
History	12
Maths.....	12
Modern Foreign Languages	14
French	14
German.....	15
Spanish.....	15
Physical Education.....	17
Philosophy & Religion Education.....	18
Psychology.....	20
Science	21
Biology.....	21
Chemistry	22
Sociology.....	24

Art

Know It	Use It	Stretch It
<p>Use and take notes from GCSE Bitesize Art and Design: https://www.bbc.co.uk/bitesize/examspecs/z8nq6rd</p> <p>[3 Super Curriculum House Points]</p>	<p>Visit any of the Tate Galleries including: Tate Britain, Tate Modern, Tate Liverpool or Tate St Ives. <u>You may do this virtually.</u> Provide a paragraph summarising what you found. https://www.tate.org.uk/art</p> <p>[3 Super Curriculum House Points]</p>	<p>Attend Art sessions after school or any other extra-curricular creative activity and show evidence of what you have made.</p> <p>[5 Super Curriculum House Points]</p>
<p>Explore 10 Textile Artists and their techniques: https://www.textileartist.org/10-contemporary-embroidery-artists/</p> <p>[3 Super Curriculum House Points]</p>	<p>Visit one of the annual Knit, stitch shows (<u>in person or virtually</u>), and complete one of the free workshops on offer: https://www.theknittingandstitchingshow.com/</p> <p>[4 Super Curriculum House Points]</p>	<p>Record your experiments with the new techniques and make textile samples inspired by your artist research.</p> <p>Share with your Art teacher and class.</p> <p>[5 Super Curriculum House Points]</p>
<p>Research the development of Graphic Design over the last 50 Years: https://3ptscomm.medium.com/design-through-the-decades-the-evolution-of-graphic-design-over-the-last-50-years-and-beyond-617a20f8b61d</p> <p>[3 Super Curriculum House Points]</p>	<p>Try out some advanced techniques using Photoshop: https://www.youtube.com/watch?v=xTzvQkOll2U&list=PLLIBGLVsEPIFGSGw2zJ2K43V5vxMMMTE</p> <p>[4 Super Curriculum House Points]</p>	<p>Fill a concertina sketchbook with records of all your Art based visits documenting the journey across many pages through drawing, photography and mixed media.</p> <p>[5 Super Curriculum House Points]</p>

Business Studies

Know it	Use it	Stretch it
<p>Download the BBC News app, and select 'Business' under 'My Topics'. Read at least one Business article per day.</p> <p>[3 Super Curriculum House Points]</p>	<p>Write a summary about how a business of your choice has adapted to meet the expectation of consumers that products should be produced ethically and in an environmentally friendly way.</p> <p>[4 Super Curriculum House Points]</p>	<p>Watch "Companies at the Limit" and write a summary on how the CEOs overcame market shocks.</p> <p>https://www.youtube.com/watch?v=Q5kB-KFbOyE</p> <p>[5 Super Curriculum House Points]</p>
<p>Watch an episode of Dragon's Den. Select one of the products that are pitched to the Dragons' and explain why you think the product would or would not be successful, using the marketing mix to support your argument.</p> <p>[3 Super Curriculum House Points]</p>	<p>'Businesses should make long term investments in environmentally friendly production as it will help reduce costs'.</p> <p>Using research, evaluate this statement, creating an argument for and against.</p> <p>[4 Super Curriculum House Points]</p>	<p>Write a one page summary about the marketing mix of a product of your choice. Your presentation should have a section on each of the 4 P's.</p> <p>[5 Super Curriculum House Points]</p>
<p>Research three different person specifications and job descriptions for three different companies and make a note about how they are different to each other.</p> <p>[3 Super Curriculum House Points]</p>	<p>Using research, create an outline organisational structure for a business of your choice.</p> <p>[4 Super Curriculum House Points]</p>	<p>Write an article about the benefits and drawbacks of Britain leaving the European Union (Brexit). Take into account possible changes in: unemployment, consumer income, inflation, interest rates, government taxation and exchange rates.</p> <p>[5 Super Curriculum House Points]</p>

Computer Science

Know It	Use It	Stretch It
<p>Making all knowledge computational: Watch the TedTalk on Computing a theory of everything Stephen Wolfram: https://www.youtube.com/watch?v=60P7717-XOQ</p> <p>[3 Super Curriculum House Points]</p>	<p>Artificial Intelligence – Write a short essay debating the following question - <i>Will Artificial Intelligence Replace Mankind?</i></p> <p>[4 Super Curriculum House Points]</p>	<p>The history of computing: This blog talks about the evolution of computers: https://www.webfx.com/blog/web-design/the-history-of-computers-in-a-nutshell/</p> <p>[5 Super Curriculum House Points]</p>
<p>Read the book: 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>[3 Super Curriculum House Points]</p>	<p>The GCHQ Puzzle Book: <i>Why not pit your wits against the people who cracked the Enigma?</i></p> <p>This book will have you scratching your head for hours trying to solve some challenging problems.</p> <p>[4 Super Curriculum House Points]</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. If you're not looking to buy a laptop then attempt to do a budget for all the equipment you would need if you were to do so.</p> <p>[5 Super Curriculum House Points]</p>
<p>We have ordered several books to go in the library for both computing and IT; please pop in and have a look at any books that interest you. This includes an 'idiot's guide to Python'.</p> <p>[3 Super Curriculum House Points]</p>	<p>Summarise your knowledge of Python on revision cards and posters</p> <p>[4 Super Curriculum House Points]</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>[5 Super Curriculum House Points]</p>

Design Technology

Know It	Use It	Stretch It
<p>Visit the four designers conference in London.</p> <p>[3 Super Curriculum House Points]</p>	<p>Visit the Natural History museum. http://www.nhm.ac.uk/</p> <p>Or</p> <p>Read and write your thoughts the Natural History Museum 'Discover' section https://www.nhm.ac.uk/discover.html</p> <p>[4 Super Curriculum House Points]</p>	<p>Attend a DT club</p> <p>[2 Super Curriculum House Points]</p>
<p>Watch a video about Design and Technology on: http://tv.data.org.uk/</p> <p>[3 Super Curriculum House Points]</p>	<p>Visit the Science museum; find an interactive exhibition that uses new technology. https://www.sciencemuseum.org.uk/</p> <p>Or</p> <p>Read and explore the Science Museum Collection https://collection.sciencemuseumgroup.org.uk/search/objects</p> <p>[4 Super Curriculum House Points]</p>	<p>Listen to two TED talks on sustainable living: https://www.ted.com/talks</p> <p>[5 Super Curriculum House Points]</p>
<p>Watch two TED talks on Design and Technology: https://www.ted.com/talks</p> <p>[3 Super Curriculum House Points]</p>	<p>Choose a fusion 360 tutorial by Lars Christiansen and have a go at it.</p> <p>[4 Super Curriculum House Points]</p>	<p>Give a talk to a KS3 group about your experiences in DT and why you chose it.</p> <p>[5 Super Curriculum House Points]</p>

Drama

Scheme of Work	Know It	Use It	Stretch it
Devising and Working Notebook	<p>Carry out extensive research your chosen stimuli including historical and social context of the artist/author.</p> <p>[3 Super Curriculum House Points]</p>	<p>Create a story board of ideas for chosen idea - include outlines of how each idea would evolve using your chosen practitioners.</p> <p>[4 Super Curriculum House Points]</p>	<p>Attend a drama club</p> <p>[2 Super Curriculum House Points]</p>
Text Performance	<p>Carry out extensive research into your given play and playwright, including historical and social context of the play itself.</p> <p>[3 Super Curriculum House Points]</p>	<p>Watch previous productions of your chosen play on DVD or on line – make notes of how the actors approached your given role.</p> <p>[4 Super Curriculum House Points]</p>	<p>Video rehearsals, watch and write a review of the performance as if for a newspaper review.</p> <p>[5 Super Curriculum House Points]</p>
DNA Revision	<p>Create revision cards for each character including costume, motivation and intention in each appearance.</p> <p>[3 Super Curriculum House Points]</p>	<p>Prepare a presentation on your concept for a production in performance. Make sure the presentation covers, staging form, set, costume, lights and sound.</p> <p>[4 Super Curriculum House Points]</p>	<p>Create your own revision guide that you can distribute to your peers. Include your own exam questions for practice.</p> <p>[5 Super Curriculum House Points]</p>
Live Theatre	<p>Make revision cards for Wicked – one for each character which include:- Character profile, motivation, costume and physical approach to the role.</p> <p>[3 Super Curriculum House Points]</p>	<p>Create a display about Wicked – find pictures, quotes, reviews making sure that the display acts as an educational tool for your peers.</p> <p>[4 Super Curriculum House Points]</p>	<p>Create your own revision guide that you can distribute to your peers. Include your own exam questions for practice.</p> <p>[5 Super Curriculum House Points]</p>

English

Know It	Use It	Stretch It
<p>Read the very short story 'The Vendetta' by Guy de Maupassant and make bullet point notes on the plot.</p> <p>[3 Super Curriculum House Points]</p>	<p>Create either a storyboard showing how you would film the story or produce a stop motion animation.</p> <p>[4 Super Curriculum House Points]</p>	<p>Attend an English club</p> <p>[2 Super Curriculum House Points]</p>
<p>To provide additional context for 'Macbeth', watch the animated version of 'Othello' (another Shakespearian tragedy)</p> <p>Make a Venn diagrams of similarities and differences</p> <p>[3 Super Curriculum House Points]</p>	<p>Read an article about the features of Shakespearian tragedy.</p> <p>e.g. https://penlighten.com/characteristics-of-shakespearean-tragedy</p> <p>[4 Super Curriculum House Points]</p>	<p>Write a paragraph or two to answer this question:</p> <p>What links can I make to 'Othello' in my 'Macbeth' exam response?</p> <p>[5 Super Curriculum House Points]</p>
<p>Watch Mr Sallas' guide to 'What Examiners Want in Creative Writing' and make notes of key ideas.</p> <p>:</p> <p>https://www.youtube.com/watch?v=olVmKj4d1ug</p> <p>[3 Super Curriculum House Points]</p>	<p>Enter a creative writing competition:</p> <p>https://schoolreadinglist.co.uk/competitions-for-children/childrens-writing-competitions/</p> <p>Make sure that you also show your teacher your entry!</p> <p>[4 Super Curriculum House Points]</p>	<p>Create a revision podcast or video on one topic in English language or English literature.</p> <p>[5 Super Curriculum House Points]</p>

Food Technology

Know It	Use It	Stretch It
<p>Go to the library or use the internet to access a broadsheet newspaper and read current articles on food e.g., sourcing, dietary needs, nutrition.</p> <p>[3 Super Curriculum House Points]</p>	<p>Make notes on the articles.</p> <p>[4 Super Curriculum House Points]</p>	<p>Attend Food Tech club 3 times in a row.</p> <p>[5 Super Curriculum House Points]</p>
<p>Research complex practical skills by using the internet or cookery books.</p> <p>[3 Super Curriculum House Points]</p>	<p>Make a product to a very high level e.g., complex main courses with a number of parts – filleting fish, addition of a sauce, vegetables and a mousse or pastry accompaniment.</p> <p>[4 Super Curriculum House Points]</p>	<p>Make a range of products to a very high level e.g., complex main courses with a number of parts – filleting fish, addition of a sauce, vegetables and a mousse or pastry accompaniment.</p> <p>[5 Super Curriculum House Points]</p>
<p>Listen to food related podcasts or programmes e.g., on iplayer, BBC Radio 4 – The Food Programme, Kitchen Cabinet.</p> <p>[3 Super Curriculum House Points]</p>	<p>Make notes on the podcasts.</p> <p>[4 Super Curriculum House Points]</p>	<p>If you study Food Tech at GCSE, use the information you have learnt from the podcasts or programmes in your answers to extended questions.</p> <p>OR</p> <p>See your Food Tech teacher and explain what you have learnt.</p> <p>[5 Super Curriculum House Points]</p>

Geography

Know It	Use It	Stretch It
<p>Read Geography Review (magazine) from the Library/Hu01</p> <p>[3 Super Curriculum House Points]</p>	<p>Find a relevant article to what you're learning and produce a presentation for your class</p> <p>[4 Super Curriculum House Points]</p>	<p>Read "Prisoners of Geography" - copies available from the Geography Department</p> <p>[5 Super Curriculum House Points]</p>
<p>Read Wider World (magazine) from the Library/Hu01</p> <p>[3 Super Curriculum House Points]</p>	<p>Find a relevant article to what you're learning and produce a presentation for your class</p> <p>[4 Super Curriculum House Points]</p>	<p>Watch Hans Rosling's talk https://www.youtube.com/watch?v=FACK2knC08E&t=2154s&ab_channel=GapminderFoundation</p> <p>[5 Super Curriculum House Points]</p>
<p>Research and find out about a recent natural disaster</p> <p>[3 Super Curriculum House Points]</p>	<p>Create a revision quiz/notes for a topic you have studied</p> <p>[4 Super Curriculum House Points]</p>	<p>Read "The Almighty Dollar" By Dharshini David - copies available from the Geography Department</p> <p>[5 Super Curriculum House Points]</p>

Health and Social Care

Know It	Use It	Stretch It
<p>Watch the following documentary about failure to treat patients with dignity and respect at Stafford Hospital and write a summary of the failings</p> <p>https://www.youtube.com/watch?v=iHXOFS9ec2Q</p> <p>[3 Super Curriculum House Points]</p>	<p>Investigate the requirements for someone to become a Foster Carer: how long does it take? What qualities do they need to have? What are the restrictions on being a Foster carer?</p> <p>[4 Super Curriculum House Points]</p>	<p>Watch this documentary on the controversy surrounding care for those with learning disabilities</p> <p>https://www.youtube.com/watch?v=c-Y9-UpBhA4</p> <p>[5 Super Curriculum House Points]</p>
<p>Watch an episode of “Ambulance” or “Hospital” each week, looking at how the staff build relationships through positive communication skills.</p> <p>[3 Super Curriculum House Points]</p>	<p>Identify the characteristics that the staff have that enables them to build positive relationships with their clients/ patients.</p> <p>[4 Super Curriculum House Points]</p>	<p>Complete the online “refresher” first aid course from the Red Cross</p> <p>https://www.redcrossfirstaidtraining.co.uk/news-and-legislation/latest-news/new-online-first-aid-refresher-course/</p> <p>[5 Super Curriculum House Points]</p>
<p>Investigate the 6 C’s: care, compassion, courage, communication, commitment and competence and how these may look in a health care setting such as a hospital</p> <p>[3 Super Curriculum House Points]</p>	<p>Complete a self audit against the 6 C’s. Which qualities do you already have and which qualities do you need to develop in order to pursue a career in health and social care?</p> <p>[4 Super Curriculum House Points]</p>	<p>Listen to the podcast <i>Why nursing?</i> about a student nurse’s experiences in getting into nursing. Write a summary of any misconceptions you had and what you learned from listening</p> <p>https://open.spotify.com/episode/7Hkm6GcMsSNzBMrTnuA?si=1tbKMWFkTTGHDjic1HzjoA&nd=1</p> <p>[4 Super Curriculum House Points]</p>

History

Know It	Use It	Stretch It
<p>Read a piece of historical fiction relating to a topic we have studied e.g. 'Tinker, Tailor, Soldier, Spy'. There are lots of books to choose from in the library and the History department.</p> <p>[3 Super Curriculum House Points]</p>	<p>Practise writing exam style answer using the practise questions and guidance on the VLE revision page.</p> <p>THIS MUST BE A DIFFERENT EXAM QUESTION TO THE ONE YOU COMPLETED IN YEAR 10</p> <p>[3 Super Curriculum House Points]</p>	<p>Go to the school History club and get involved in some of their exciting events!</p> <p>[3 Super Curriculum House Points]</p>
<p>Listen to Dan Snow's 'History Hit' podcast: https://www.historyhit.com/podcasts/</p> <p>There are hundreds to choose from!</p> <p>[3 Super Curriculum House Points]</p>	<p>Create a detailed timeline for each historical period we have studied including a minimum of 25 events.</p> <p>THIS MUST BE A DIFFERENT PERIOD TO THE TIMELINE YOU COMPLETED IN YEAR 10</p> <p>[3 Super Curriculum House Points]</p>	<p>Write a 'how to guide' for one type of exam question showing how to write the perfect answer.</p> <p>THIS MUST BE A DIFFERENT EXAM QUESTION TO THE ONE YOU COMPLETED IN YEAR 10</p> <p>[4 Super Curriculum House Points]</p>
<p>Watch the film 'Bridge of Spies' – available on Netflix or Amazon prime</p> <p>[4 Super Curriculum House Points]</p>	<p>Design a revision resource for a key topic we have studied and share it with the rest of your class.</p> <p>THIS MUST BE A DIFFERENT TOPIC TO THE ONE YOU COMPLETED IN YEAR 10</p> <p>[3 Super Curriculum House Points]</p>	<p>Read a biography or autobiography of a historical figure we have studied as part of your GCSE.</p> <p>THIS MUST BE A DIFFERENT EXAM BIOGRAPHY TO THE ONE YOU READ IN YEAR 10</p> <p>[3 Super Curriculum House Points]</p>

Maths

Know It	Use It	Stretch It
<p>Challenge yourself to complete a Corbett Maths</p>	<p>Create a list of topics you struggle with and make</p>	<p>Attend a maths club</p>

<p>5 a day, see if you can do one every day as part of your revision.</p> <p>[3 Super Curriculum House Points]</p>	<p>notes, you can then watch the video from Corbett Maths to improve this topic.</p> <p>[4 Super Curriculum House Points]</p>	<p>[2 Super Curriculum House Points]</p>
<p>Go to onmaths and attempt their online resources, the demon questions are particularly challenging:</p> <p>https://www.onmaths.com/</p> <p>[3 Super Curriculum House Points]</p>	<p>Create mind maps and posters to consolidate the maths that you have been learning; this can then be used for your revision.</p> <p>[4 Super Curriculum House Points]</p>	<p>Inspirational and interesting videos:</p> <p>https://www.youtube.com/watch?v=ffUnNaQTfZE</p> <p>[5 Super Curriculum House Points]</p>
<p>Create a series of revision cards to help you learn formulae and rules that you will use in Maths in the exams:</p> <p>https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/misc/gcse-maths-formulae-sheet-a5.pdf</p> <p>[3 Super Curriculum House Points]</p>	<p>Try to think of some songs and mnemonics to help you learn some rules and formulae that you use in maths.</p> <p>[4 Super Curriculum House Points]</p>	<p>Documentary : Top 10 equations that changed the world 1080p –</p> <p>https://www.youtube.com/watch?v=0K-t090uvL4</p> <p>[5 Super Curriculum House Points]</p>

Modern Foreign Languages

French

Know it	Use it	Stretch it
<p>Watch one of the following French films:</p> <p><i>Intouchables</i> <i>Etre et avoir</i> <i>Les choristes</i> <i>Jean de Florette</i> <i>La famille Bélier</i></p> <p>[3 Super Curriculum House Points]</p>	<p>Make a video or help sheet to teach someone a grammar point that you have learnt in class. Share this with your teacher.</p> <p>[4 Super Curriculum House Points]</p>	<p>Attend or help with an MFL club.</p> <p>[5 Super Curriculum House Points]</p>
<p>Listen to the free access Podcasts at <i>Coffeebreak French</i>:</p> <p>https://coffeebreaklanguages.com/category/coffee-break-french/</p> <p>[3 Super Curriculum House Points]</p>	<p>Research how, when and why France became a republic. Create a timeline to help you remember.</p> <p>[4 Super Curriculum House Points]</p>	<p>Go onto Médecins sans Frontières website and listen to the presentations about their work all round the world</p> <p>http://www.msf.fr/msf</p> <p>[4 Super Curriculum House Points]</p>
<p>Go online and read Le Point or Le Monde; note down 20 new items of vocab</p> <p>www.lemonde.fr www.lepoint.fr</p> <p>[3 Super Curriculum House Points]</p>	<p>Complete an independent research project on the French-speaking world and French culture.</p> <p>[5 Super Curriculum House Points]</p>	<p>Research the possibility of working in France</p> <p>https://www.woof.fr/ https://www.gooverseas.com/gap-year/au-pair/france https://www.workaway.info/</p> <p>[5 Super Curriculum House Points]</p>

German

Know it	Use it	Stretch it
<p>Browse articles at: http://www.leselupe.de Note down 20 new items of vocabulary</p> <p>[3 Super Curriculum House Points]</p>	<p>Access searchable MP3 clips in German: https://audio-lingua.ac-versailles.fr/?lang=en</p> <p>[4 Super Curriculum House Points]</p>	<p>Attend or help with an MFL club.</p> <p>[5 Super Curriculum House Points]</p>
<p>Create a Kahoot with questions on a grammatical point you have learned at GCSE to share with your teacher.</p> <p>[4 Super Curriculum House Points]</p>	<p>Research the building of the Berlin Wall in 1961 and events leading up to 1989 when it came down.</p> <p>[5 Super Curriculum House Points]</p>	<p>Watch the film: <i>Goodbye Lenin</i> A comedy set around the time the Berlin Wall came down, or</p> <p><i>Das Leben der Anderen</i> Set in Communist East Germany.</p> <p>[3 Super Curriculum House Points]</p>
<p>Listen to the News in Germany. You can read and listen to stories in English too: www.dw-world.de</p> <p>[3 Super Curriculum House Points]</p>	<p>Plan a week's visit to a German-speaking country in German.</p> <p>[5 Super Curriculum House Points]</p>	<p>Complete intermediate texts, with self-marking comprehension activities: https://german.tolearnfree.com/</p> <p>[4 Super Curriculum House Points]</p>

Spanish

Know it	Use it	Stretch it
<p>Try some of the Instituto de Cervantes resources:</p> <p>http://londres.cervantes.es/website/mapa_site_web_en.shtm</p> <p>[3 Super Curriculum House Points]</p>	<p>Watch the film <i>Mujeres al borde de un ataque de nervios</i> – Pedro Almodovar’s comedy including an early appearance by Antonio Banderas or <i>Todo sobre mi madre</i> A drama/ comedy from the famous Spanish director Pedro Almodovar.</p> <p>[4 Super Curriculum House Points]</p>	<p>Attend a MFL subject relevant club.</p> <p>[5 Super Curriculum House Points]</p>
<p>Listen to the free content at this really good podcast site:</p> <p>https://www.newsinslowspanish.com/</p> <p>[3 Super Curriculum House Points]</p>	<p>Access the content designed to help you prepare for the GCSE Spanish exam:</p> <p>https://www.bbc.com/education/subjects/z4dqxnb</p> <p>[4 Super Curriculum House Points]</p>	<p>Beginner, intermediate and advanced grammar, with self-marking comprehension activities:</p> <p>https://studyspanish.com/grammar</p> <p>[5 Super Curriculum House Points]</p>
<p>Use an online dictionary to find some hilarious translations of simple phrases.</p> <p>https://www.spanishdict.com/guide/spanish-sayings-with-no-english-equivalents</p> <p>[3 Super Curriculum House Points]</p>	<p>Research the civil war and subsequent dictatorship in Spain that lasted until 1975.</p> <p>[4 Super Curriculum House Points]</p>	<p>Try to beat the high score on a quizlet set for A-Level vocabulary/ expressions – especially if you are aiming for a level 9 at GCSE</p> <p>[5 Super Curriculum House Points]</p>

Physical Education

Know It	Use It	Stretch It
<p>Read books on sport including:</p> <ul style="list-style-type: none"> • The Sports Gene by David Epstein 2013 • Bounce by Matthew Syed 2011 • The Talent Code by Daniel Coyle 2009 <p>[3 Super Curriculum House Points]</p>	<p>Write an article for the Nobel News, Facebook or Twitter page on a book that you have read.</p> <p>[4 Super Curriculum House Points]</p>	<p>Attend a school sports club. Consider trying a new sport or leading a warm up.</p> <p>[4 Super Curriculum House Points]</p>
<p>Lead a session at a key stage 3 extra-curricular club.</p> <p>[3 Super Curriculum House Points]</p>	<p>Create a timeline of the development of tennis over the years.</p> <p>[4 Super Curriculum House Points]</p>	<p>Represent the school in any sport including House Sports. Challenge yourself to represent the County.</p> <p>[5 Super Curriculum House Points]</p>
<p>Create a scrapbook of any sports person or sporting event from broadsheet newspapers.</p> <p>[3 Super Curriculum House Points]</p>	<p>Write a coaching plan for any sport.</p> <p>[4 Super Curriculum House Points]</p>	<p>Lead an activity during Sport Relief week/Children in Need or Comic relief.</p> <p>[5 Super Curriculum House Points]</p>

Philosophy & Religion Education

Know It	Use It	Stretch It
<p>Women and the Church: Read Chapter 13 of Bible Matters by Peter and Charlotte Vardy</p> <p>[3 Super Curriculum House Points]</p>	<p>Christianity: Read Chapter 2: From the Beginning of the Universe of The Puzzle of Christianity by Peter and Charlotte Vardy.</p> <p>[4 Super Curriculum House Points]</p>	<p>Attend the philosophy film club or Mindfulness club at lunchtimes for 4 weeks</p> <p>[5 Super Curriculum House Points]</p>
<p>Euthanasia: Watch the Ted Talk, Beyond Life: Managing Your Right to Die by Dr. Allan Saxe</p> <p>https://www.youtube.com/watch?v=B7ehf6CmG4Y</p> <p>[3 Super Curriculum House Points]</p>	<p>Christianity: Watch 'A.J. Jacobs: My year of living biblically'</p> <p>https://www.youtube.com/watch?v=B5MkpzMAOZM</p> <p>Present the key ideas in a storyboard or mind-map</p> <p>[4 Super Curriculum House Points]</p>	<p>Islam: Watch the TedTalk on Islamophobia, What do you think when you look at me? Dalia Mogahed</p> <p>https://www.youtube.com/watch?v=wzkFoetp-M</p> <p>[5 Super Curriculum House Points]</p>
<p>Creation: Online research on Genesis - Read and make your own notes on the different views.</p> <p>http://www.neverofftopic.com/primary/why-the-universe-exists/</p> <p>[3 Super Curriculum House Points]</p>	<p>Christianity: Online research – Look at the information on Why didn't Christianity die out in the 1st Century?</p> <p>http://www.bbc.co.uk/guides/zttpn39</p> <p>[4 Super Curriculum House Points]</p>	<p>Islam: Online research – Look at the information on the Angels. Make your own notes on this.</p> <p>https://www.bbc.co.uk/bitesize/guides/zdxdqhv/revision/4</p> <p>[5 Super Curriculum House Points]</p>
<p>War and conflict: Listen to the following Ted Talk What I saw in the war by Janine di Giovanni:</p>	<p>Christianity: Listen to the podcast on 'The God Particle' – consider Is the "God particle" truly "a blow to the Christian faith,"?</p>	<p>Islam: Listen to the following podcast on the History of Islam</p>

https://www.youtube.com/watch?v=k2hQL9Zrokk [3 Super Curriculum House Points]	https://player.fm/series/science-scripture-salvation/does-the-god-particle-prove-the-big-bang [4 Super Curriculum House Points]	https://player.fm/series/becoming-a-better-muslim-islamic-self-improvement-quran-sunnah [5 Super Curriculum House Points]
GCSE: Book yourself onto one of Peter Vardy's Candle Conferences https://candleconferences.com/events/evil-and-suffering-on-demand/ [3 Super Curriculum House Points]	Christianity: Plan a visit to the St Josephs Roman Catholic Church: Bedwell Cres, Stevenage SG1 1NJ [4 Super Curriculum House Points]	Islam: Plan a visit to the Stevenage Muslim Community Centre: Vardon Rd, Stevenage SG1 5PJ (tel: 01438 350865) [5 Super Curriculum House Points]

Psychology

Know It	Use It	Stretch It
<p>Explain Freud's ideas about the importance of the unconscious mind and how this affects behaviour. [3 Super Curriculum House Points]</p>	<p>Research Freud's theory of dreaming by identifying the role of the unconscious on behaviour. [4 Super Curriculum House Points]</p>	<p>Attend psychology club for a half term [5 Super Curriculum House Points]</p>
<p>Research the case of Clive Wearing and identify the cases of his memory loss and the different types of memory loss that he has. [3 Super Curriculum House Points]</p>	<p>Read: 'We Need to Talk About Kevin' by Lionel Shriver This book raises whether criminal behaviour (a mass shooting by a student in America) is due to Nature or Nurture. Then, identify whether behaviour is a result of nature or nurture. [4 Super Curriculum House Points]</p>	<p>Create a manual for people with insomnia to use in order for them to improve their sleeping habits [5 Super Curriculum House Points]</p>
<p>Read and Identify the following BBC report about a mass shooting in America and see if you can find 2 different causes of why the criminal committed the actions identified in the report. https://www.bbc.co.uk/news/world-us-canada-46135459 [3 Super Curriculum House Points]</p>	<p>Research Milgram's study into obedience and Asch's study into conformity and identify two differences and two similarities as to why people may follow what others are doing. [4 Super Curriculum House Points]</p>	<p>Examine the Heads Together campaign and conduct a critical analysis to investigate the changes in attitude towards mental health before and after the campaign. [5 Super Curriculum House Points]</p>

Science

Biology

Know it	Use it	Stretch it
<p>Design a revision resource that could be used for a year 10 Biology topic.</p> <p>[3 Super Curriculum House Points]</p>	<p>Visit the AQA website and complete a past paper for Biology Paper 1 and mark using the mark scheme. Then make revision resources for the areas where you lost marks. Show these to your teacher.</p> <p>[4 Super Curriculum House Points]</p>	<p>Attend a science club at lunchtime 3 weeks in a row</p> <p>[5 Super Curriculum House Points]</p>
<p>https://www.genomicseducation.hee.nhs.uk/blog/probability-chance-and-genetic-inheritance/</p> <p>Visit the above website and make a spider diagram summarising the information.</p> <p>[3 Super Curriculum House Points]</p>	<p>Make a model of DNA using household objects/food. Take a picture and label the different components.</p> <p>[4 Super Curriculum House Points]</p>	<p>Create your own Kahoot quiz based on inheritance and genetics.</p> <p>[5 Super Curriculum House Points]</p>
<p>Produce a story board for a Biology required practical that you have studied in GCSE, making sure to include the different steps that are involved.</p> <p>[3 Super Curriculum House Points]</p>	<p>Research and produce a newspaper article on either: the discovery of insulin OR the discovery of penicillin. Consider the different processes that were involved, and how the discoveries will have changed the lives of many individuals.</p> <p>[4 Super Curriculum House Points]</p>	<p>Design a lesson for a year 8 class, teaching them about aerobic and anaerobic respiration.</p> <p>[5 Super Curriculum House Points]</p>

Chemistry

Know it	Use it	Stretch it
<p>A mole is just a name given to a very big number. Make a list of numbers from everyday life that have a different name. For example 100 is sometimes called a century. Now research Avogadro and his constant. See if you can write the number out in full. Why do you think we call this number a mole?</p> <p>[3 Super Curriculum House Points]</p>	<p>Find five recipes that use eggs. Express the recipes in how many fractions of a dozen eggs they use. For each, calculate the mass of the other ingredients you would need to use if you used 2 dozen eggs.</p> <p>[4 Super Curriculum House Points]</p>	<p>Attend a science club at lunchtime 3 weeks in a row</p> <p>[5 Super Curriculum House Points]</p>
<p>Design a revision resource that could be used for a year 10 Chemistry topic.</p> <p>[3 Super Curriculum House Points]</p>	<p>Visit the AQA website and complete a past paper for Chemistry Paper 1 and mark using the mark scheme. Then make revision resources for the areas where you lost marks. Show these to your teacher.</p> <p>[4 Super Curriculum House Points]</p>	<p>Create your own Kahoot quiz based on inheritance and genetics.</p> <p>[5 Super Curriculum House Points]</p>
<p>Produce a story board for a Chemistry required practical that you have studied in GCSE, making sure to include the different steps that are involved.</p> <p>[3 Super Curriculum House Points]</p>	<p>Write a story imagining what the world would be like without crude oil? How would it effect our everyday lives, global warming, even the history of the world? Would we be better off with or without it?</p> <p>[4 Super Curriculum House Points]</p>	<p>Design a lesson for a year 8 class, teaching them about endothermic and exothermic reactions.</p> <p>[5 Super Curriculum House Points]</p>

Physics

Know it	Use it	Stretch it
<p>Design a revision resource that could be used for a year 10 Physics topic.</p> <p>[3 Super Curriculum House Points]</p>	<p>Visit the AQA website and complete a past paper for Physics Paper 1 and mark using the mark scheme. Then make revision resources for the areas where you lost marks. Show these to your teacher.</p> <p>[4 Super Curriculum House Points]</p>	<p>Attend a science club at lunchtime 3 weeks in a row</p> <p>[5 Super Curriculum House Points]</p>
<p>Produce a story board for a Physics required practical that you have studied in GCSE, making sure to include the different steps that are involved.</p> <p>[3 Super Curriculum House Points]</p>	<p>Research and produce a newspaper article on the invention of the first electric lightbulb. Consider how this invention will change the lives for individuals.</p> <p>[4 Super Curriculum House Points]</p>	<p>Design a lesson for a year 8 class, teaching them about the rules for series and parallel circuits.</p> <p>[5 Super Curriculum House Points]</p>
<p>Read some of the stories about physics here: Stories from physics: Forces and motion IOPSpark</p> <p>Pick your favourite and make an illustrated version, aimed at younger students in the school.</p> <p>[3 Super Curriculum House Points]</p>	<p>Archimedes is supposed to have said: 'Give me a lever and a place to stand and I'll move the Earth'. If the Earth has weight $6 \times 10^{25}\text{N}$ and the weight of the average human being is 880N, design a lever system which would enable a single person to move the earth.</p> <p>[4 Super Curriculum House Points]</p>	<p>Watch this video: The Physics of Weightless Flight ft Emily Calandrelli - YouTube</p> <p>Create a storyboard which explains the resultant forces acting on someone inside a plane performing parabolic flight</p> <p>[5 Super Curriculum House Points]</p>

Sociology

Know It	Use It	Stretch It
<p>FEMINIST THEORY</p> <p>Find out about the following types of feminism and explain what each believes about gender inequality: liberal feminism, Marxist-feminism and radical feminism. (Extension: black feminism and socialist feminism)</p> <p>[3 Super Curriculum House Points]</p>	<p>CHILDHOOD</p> <p>Create a news report presenting the view that childhood is disappearing. Include the effects of this on the experience of childhood and the problems it could cause.</p> <p>[4 Super Curriculum House Points]</p>	<p>ENRICHMENT</p> <p>Attend a club that is related to sociology (such as social sciences research club) for half a term. You need to be able to justify how the club is linked to sociology or a topic that you have studied.</p> <p>[5 Super Curriculum House Points]</p>
<p>MASCULINITY</p> <p>Find out about Bob Connell's studies on masculinity. Design a labelled poster showing the four masculine types he found in his study.</p> <p>[3 Super Curriculum House Points]</p>	<p>SOCIAL POLICY</p> <p>Imagine you are a member of the government. Write a proposal on how to end poverty in the UK.</p> <p>[4 Super Curriculum House Points]</p>	<p>MERITOCRACY</p> <p>Is the UK a meritocracy? Explain what this term means to your friends/family and then ask them what they think. Explain your view to them, using specific evidence to support your argument.</p> <p>[4 Super Curriculum House Points]</p>
<p>CRIME STATISTICS</p> <p>Research your local area using crime-statistics.co.uk – write a report on the nature and extent of crime in your local area based on these statistics. Add to this the reasons why you think the types of crimes are being committed in your area based on the sociological theories you have studied.</p> <p>[4 Super Curriculum House Points]</p>	<p>CONDUCT RESEARCH</p> <p>Design a set of questions for a structured interview to find out whether people think crime in the UK is increasing. Conduct your interview on some family members and report your findings back to class.</p> <p>[5 Super Curriculum House Points]</p>	<p>CRIME PATTERNS</p> <p>Research reports on hate crime in the months following the EU referendum result in 2016. Describe what happened and suggest sociological explanations for this.</p> <p>[5 Super Curriculum House Points]</p>