

WELCOME TO SEXEY'S SIXTH SUPERCHARGE!

Try these ideas for your chosen subjects to prepare for life at Sexey's Sixth

Art and Design



Something to think about...

What is the importance of art in society today?



Something to listen to...

Art Matters podcasts (www.artuk.org) created by Ferren Gibson exploring the interesting ways art meets popular culture and non-traditional art topics. Podcasts include: Art and Tattoos, Art References in Recent Hip Hop, Hair Trends Throughout Art History.



Something to read about...

Tate Galleries: Tate Modern, Tate Britain, Tate Liverpool, Tate St Ives (www.tate.org.uk), The Yorkshire Sculpture Park (www.ysp.org.uk) and The Royal Academy of Arts (www.royalacademy.org.uk).



Biology



Something to think about...

What does it mean to be alive? Should we take more action to protect the Biodiversity on our planet? How far should Biologists go in the manipulation of an organisms genome?



Something to listen to...

[The Natural Selection](#) podcast
[Infinite Monkey Cage](#) podcast
[Horizon documentaries](#) available on the BBC iPlayer



Something to read about...

Oxford University Press [transition pack](#)
[@AngiePeahen booklet](#)
[PiXL booklet](#)
[Free CGP e-book](#)
Shelley Parry's [enrichment](#) from Y11 to Y12.



Business



Something to think about...

Do businesses have a moral obligation to a wider group of people than just their shareholders/owners?
To what extent does globalisation take wealth from the middle class of the western countries and transfer it to the middle classes of newly industrialising countries?



Something to listen to...

[Making fashion sustainable](#)

[Is the UK up for sale?](#)

[Could Carbon offsetting save the world's forests?](#)

And of course DRAGON'S DEN and THE APPRENTICE (although both are more a TV show than a business really!)



Something to read about...

www.bbc.co.uk/news/business constantly updates. Pick any stories that interest you, just read and do it often.

'The Undercover Economist' by Tim Harford is an easy read. The book (or audiobook) is broken into chapters and you don't need to read the lot in one go.



Chemistry



Something to think about...

Will humans ever be able to synthesise chemicals in the same way nature can? How should Chemistry shape the sustainable development of our planet? Will we ever design the perfect drug? How would life be different without Chemistry?



Something to listen to...

Royal Society for Chemistry Podcast ([click here](#))

Periodic table podcast ([click here](#))

Entropy (Order and Disorder) Energy ([click here](#))

Secrets of the Super Elements ([click here](#))



Something to read about...

Royal Society of Chemistry [website](#)

New Scientist [magazine](#)

SENECA Learning - [enrol](#) on the OCR A-level Chemistry course

A-level Chemistry Revision [site](#)



English Literature



Something to think about...

Why do different writers use different forms, such as poetry, novels and drama? How might our reaction to a text differ from that of the audience at the time when it was written? (context of production vs reception).



Something to listen to...

The BBC's 'The Verb' is a podcast hosted by poet Ian McMillan, with guests including poets, authors, dramatists, comedians, journalists and artists. Secondly, Radio 4 have 'In Our Time' with the famous (Cumbrian!) Melvyn Bragg where he covers many topics with a group of expert guests each week.



Something to read about...

'Poems of the Decade: An Anthology of the Forward Books of Poetry' is a set exam text and is full of very good contemporary poets - it would be a good idea to get a copy of this ahead of time and start enjoying it now.



French



Something to think about...

How does language reflect our identity? How and why do languages evolve? What do we lose when a language dies out?



Something to listen to...

Follow the latest in the Francophone world on www.tv5monde.com and www.france24.com



Something to read about...

You will find some great articles for young adults in the magazine Phosphore. You can follow on Instagram #magphosphore or on Twitter @phosphoremag. Le Point also has some great content to develop your vocabulary and knowledge of Francophone issues. You can also find those on social media: #lepointfr and @lepoint.



Geography



Something to think about...

What will our future world look like? Is sustainable development achievable? How can we manage the risk and impacts of future global pandemics?



Something to listen to...

Royal Geographical Society; Ask the Experts podcast ([here](#)) The Ignorance Project TED talk ([here](#)) Climate change TED talks ([here](#))



Something to read about...

Published in the UK since 1935, [Geographical](#) is the official magazine of the Royal Geographical Society. Wider Reading in Geography ([here](#))



Geology



Something to think about...

How does geology apply to your current or future life? For example – think about what you might encounter when digging foundations for a house or outbuilding. Why are some areas better for farming than others?



Something to listen to...

The Geological Society podcasts ([here](#)) including Geoheritage and the UK's top Geological sites ([here](#)) and Fracked or Fiction? ([here](#)).



Something to read about...

Try the Highly Allocthonous blog ([here](#)) or ideas for experiments at Earth Learning Idea ([here](#)).



History



Something to think about...

Is knowledge of the past ever certain? Why do accounts of the same historical event differ? What determines how historians select evidence and interpret events? What problems are posed for the study of history by changes in language and culture over time?



Something to listen to...

If 'Ye Newe Dallam History Podcast' is not your thing, 'You're Dead To Me' is the history podcast for people who don't like history... and those who do. Greg Jenner brings together the best names in comedy and history to learn and laugh about the past on BBC Sounds.



Something to read about...

A great starting point is History Today's website. There are articles on EVERYTHING historical. Also, check out www.historyextra.com for lots of interesting articles.



Mathematics/Further Maths



Something to think about...

Does mathematics need language to be understood? Is mathematics in fact its own language? Did the human race invent mathematics or was it present in nature waiting to be discovered?



Something to listen to...

'The Secrets of Mathematics' is a series of podcasts from Oxford lecturers exploring the applications of mathematics, from medicine to economics and beyond. Available on iTunes.



Something to read about...

Simon Singh is an author, journalist and TV producer, specialising in science and mathematics. Visit his website (www.simon Singh.net) and read his blog covering everything from The Simpsons to moonwalking with Einstein.



Performing Arts



Something to think about...

Why are some people confident and others not? Why has performance been one of the most popular forms of entertainment since records began? Why do we still congregate in theatres like the Ancient Greeks did? Where did all good performers start their training?



Something to listen to...

[Frantic Assembly's](#) digital library; arguably the best theatre company in the world! Watch Shakespeare's chilling Scottish tragedy [Macbeth](#) realised by Emmy-winning magician Teller (of Penn & Teller); a startling, supernatural show brimming with magic, mayhem, and madness.



Something to read about...

Any play ever written! The more knowledge the better. Try to vary the styles/genres and playwrights that you explore. Some favourites of mine are [Simon Stephens](#), [Mark Ravenhill](#), and [Shelagh Stephenson](#) (please be warned there is some very mature content in some of these plays) Oh and of course Shakespeare!



Photography



Something to think about...

What does a photograph sound like? How can you use texture to create a sense of touch in photography? How could you photograph music?



Something to listen to...

'The Art of Photography' is worth subscribing to ([here](#)), as is Martin Bailey's podcast for art, creativity as well as technical tips ([here](#)).



Something to read about...

Aside from visiting photographic galleries and exhibitions, you could look at The British Journal of Photography ([here](#)) and Portfolio ([here](#)). A full reading list can be found ([here](#)).



Physics



Something to think about...

Is our universe infinite? If it is already infinite, how can it be getting any bigger? And is there really only one?



Something to listen to...

'The Infinite Monkey Cage' is a light-hearted podcast available on BBC Sounds covering all things physics ([click here](#)). 'Sixty Symbols' is a great series of (60!) videos on the symbols of physics and astronomy ([click here](#)).



Something to read about...

A great starting point is the [Physics Review magazine](#). Lots of articles on the application of physics from [Mapping Earth's Gravity](#) to the [physics of measurements](#) and building film props. If you want to try out some of the challenges real physicists tackle using the physics you'll learn in Y12 & Y13, look at the [NASA \$\pi\$ day challenges](#).



Politics



Something to think about...

Your generation is facing unprecedented levels of change. Should you have a say? What are the arguments in favour of lowering the voting age to 16?



Something to listen to...

Check out the A Level Politics Show podcast ([here](#)) and BBC Radio 4's Weekly Politics Review ([here](#)). The Bugle podcast is also a great satirical politics podcast hosted by comedians for a light-hearted view from both sides of the Atlantic ([here](#)).



Something to read about...

Remember to choose a balance between left and right leaning blogs. The lists of best political blogs on the Guardian site ([here](#)) and Vuelio ([here](#)) are a good place to start.



Psychology



Something to think about...

Is free will a myth? Would you be a good eyewitness to a crime?



Something to listen to...

'PsychCrunch' The British Psychological Society research digest podcast ([click here](#))



Something to read about...

[Simply Psychology](#), [Research digest](#) and Psychology Review magazines available via Hodder Education



Sexey's
Established 1891

Religious Studies



Something to think about...

How would you decide which statues can remain standing and which should be toppled because they honour racists?



Something to listen to...

Try 'Philosophy Bites' – a podcast of top philosophers on bite-sized topics ([here](#)), or the BBC's 'In Our Time' ([here](#)).



Something to read about...

Arts and Letters Daily tackles up to date philosophical issues ([here](#)).



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Sociology



Something to think about...

What makes you a British citizen? What are fundamental British values and how are we taught them?



Something to listen to...

Podcasts worth reviewing include The Sociological Review ([here](#)) and the BBC's Thinking Aloud podcast ([here](#)).



Something to read about...

The Sociological Review has a series of essays that make interesting further reading ([here](#)).



Sport & Exercise Science



Something to think about...

Technology in Sport; cheating or evolution? Should a performer use dynamic or static stretching before competition? Should global events such as the Olympics include all countries regardless of political issues?



Something to listen to...

Podcasts discussing topical sports talking points. 'Sportsworld' and 'Flintoff, Savage and the Ping Pong Guy', both available on BBC Sounds.



Something to read about...

[YouGov](#) is a Sports Research company with lots of interesting, thought provoking articles. Also check out [UK Sport](#) for everything Team GB.

Good Books: 'How Bad Do You Want It?: Mastering the Psychology of Mind Over Muscle' by Matt Fitzgerald and 'Bounce: the Science of Success' by Matthew Syed.

