

**Frances Bardsley Sixth Form**

# **Y12 Transition Booklet**

**2023**



**#DearFutureIAmReady**

# Super-curriculum



## What are super-curricular activities?

Super-curricular activities are additional academic pursuits undertaken by students outside of their regular curriculum to deepen their understanding and knowledge of a specific subject. These activities go beyond the scope of the standard curriculum and are self-motivated efforts to explore and engage with a subject in more depth.

It is different from extra-curricular activities, which are pursuits outside of academic interests like crocheting, horse-riding and so on.

## What are the benefits?

They show that you have a genuine interest and passion for a particular subject. They are an excellent way for you to demonstrate your intellectual curiosity, passion, and dedication to a subject beyond what is expected in the classroom.

Not only do they enrich your knowledge and skills but they can also be valuable assets when applying to colleges or universities. Universities and apprenticeships often look favorably upon applicants who have demonstrated a genuine passion for learning and have engaged in super-curricular activities, as it reflects a proactive and motivated approach to education.









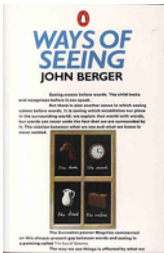

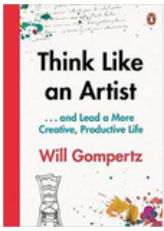

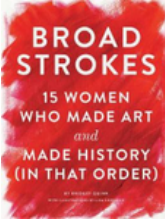



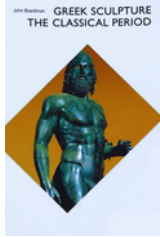
## What are some examples of super-curricular activities?

You could engage in:

- **Online Lectures and Courses:** Gresham College is a fantastic place to start looking for free, online lectures on any topic imaginable. You can also complete a MOOC (Massive Open Online Course) for free on websites like EdX and Coursera.
- **Visiting Museums and Exhibitions:** Visiting museums, galleries, or exhibitions related to the subject to enhance understanding and appreciation of the topic through visual and interactive displays.
- **Joining Academic Clubs or Societies:** Becoming a member of clubs or societies related to the subject, where students can discuss and exchange ideas with like-minded individuals.
- **Independent Research:** Conduct research on a specific topic of interest, either through books, academic journals, or online resources, to gain a deeper understanding and develop critical thinking skills. JStor is a fantastic free resource to read up to 100 journals a month.
- **Academic Competitions:** Engage in academic competitions or challenges that test and apply knowledge in innovative ways.
- **Watching documentaries:** Netflix and YouTube are a treasure trove of exciting documentaries on your favorite topics.

*We have put together this booklet for you containing a super curriculum for A-level subjects. It is an opportunity for you to deepen your understanding of the subjects you would like to study before you start with us.*

# Art

 <p><b>Grayson Perry: Reith Lectures (BBC)</b></p> <p><b>Democracy has bad taste:</b> <a href="http://www.bbc.co.uk/programmes/b03969vt">http://www.bbc.co.uk/programmes/b03969vt</a></p> <p><b>I Found Myself In The Art World:</b> <a href="https://www.bbc.co.uk/programmes/b03g9mn1">https://www.bbc.co.uk/programmes/b03g9mn1</a></p>	 <p><b>BBC RADIO 4, Melvin Bragg's 'In our Time'</b></p> <p><b>The Artist:</b> <a href="https://www.bbc.co.uk/programmes/p00548cd">https://www.bbc.co.uk/programmes/p00548cd</a></p> <p><b>Symmetry:</b> <a href="https://www.bbc.co.uk/programmes/b00776v8">https://www.bbc.co.uk/programmes/b00776v8</a></p>	 <p><b>Podcast: 99% Invisible</b></p> <p><b>Recommended episodes:</b></p> <ul style="list-style-type: none"> <li>• The many deaths of a painting</li> <li>• The secret lives of colour</li> <li>• Welcome to Jurassic art</li> <li>• The mind of an architect</li> </ul>
 <p><b>Google Cultural Institute Art Project</b></p> <p><b>Recommended episodes:</b></p> <p>This is an ongoing project where you will be able to see every piece of art work in the world: <a href="https://www.google.com/culturalinstitute/">https://www.google.com/culturalinstitute/</a></p>	 <p><b>The Tate Galleries</b></p> <p>Check out the United Kingdom's national collection of British art, and international modern and contemporary art.  <a href="https://www.tate.org.uk/">https://www.tate.org.uk/</a></p>	 <p><b>Photographic Films</b></p> <p>These films are made entirely of photos there are no moving images whatsoever. How does this affect the film?</p> <ul style="list-style-type: none"> <li>• <b>'Frida':</b> Biopic about iconic Mexican Painter Frida Kahlo.</li> <li>• <b>'Loving Vincent':</b> Biopic about Vincent Van Gogh.</li> </ul>
 <p><b>Netflix Choices</b></p> <p><b>Recommended watches:</b></p> <ul style="list-style-type: none"> <li>• Blurred Lines: Inside the Art World (2017)</li> <li>• How to Sell a Banksy (2012)</li> <li>• Art Basel: A Portrait (2014)</li> <li>• Ai Weiwei: Never Sorry (2012)</li> <li>• Abstract: The Art of Design Finding Vivian Maier</li> </ul>	 <p><b>Ways of Seeing (John Berger)</b></p> 	 <p><b>Think Like an Artist (Will Gompertz)</b></p> 
 <p><b>Broad Strokes (Quinn &amp; Congdon)</b></p> 	 <p><b>The Short Story of Art (Susie Hodge)</b></p> 	 <p><b>Greek Sculpture (John Boardman)</b></p> 

# Biology



**Brian Cox & Robin Ince (BBC)**

**The Infinite Monkey Cage**



**Twitter  
@RoyalSocBio**

The RSB is the membership organisation for biologists: a unified voice spreading the word about the wonders of biology.  
#biosciencesforall



**Twitter  
@ProfRWinston**

Science & society Imperial College London.  
Chair Royal College of Music Science education & researching human reproduction. Genesis Research Trust



**Twitter  
@newscientist**

The best place to find out what's new in science – and why it matters.



**Life (David Attenborough)**



**Gattaca**



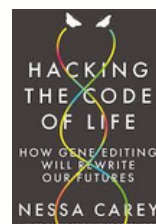
**Contagion! (BBC)**



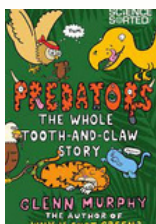
**Blue Planet II (BBC)**



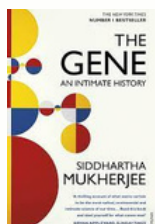
**Hacking The Code Of Life (Nessa Carey)**



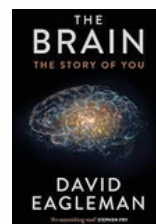
**Predators - The Whole Tooth And Claw Story (Glenn Murphy)**



**The Gene (Siddhartha Mukherjee)**



**The Brain (David Eagleman)**



# Business Studies



**Ted Talk:**

**TED Talk on being a strong leader in business and economics-** [https://www.youtube.com/watch?v=aUYSDE\\_Ydmzw](https://www.youtube.com/watch?v=aUYSDE_Ydmzw)



**How to approach Corporate Social Responsibility (CSR) in a sustainable manner**

<https://www.youtube.com/watch?v=mTAa2Bm0EZM>



**The four- letter code to selling anything**

[https://www.youtube.com/watch?v=6pY7Ejq\\_D3QA](https://www.youtube.com/watch?v=6pY7Ejq_D3QA)



**Ted Talk:**

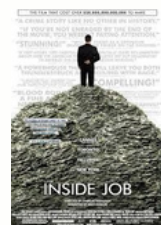
**How to motivate people towards excellence**  
<https://www.youtube.com/watch?v=aljb6ZXBwV0>



**The Secret World Of Lego**



**Inside Job**



**The Corporation (Mark Achbar, Jennifer Abbott)**



**Enron: The Smartest Guys in the Room**



**Business Review Magazine**

<https://www.hoddereducation.co.uk/magazines/magazines-extras/business-review-extras>



**BBC Business News page-)**

<https://www.bbc.co.uk/news/business>



**Learn about brands and advertising on The Museum of Brands website.)**

<https://www.museumofbrands.com/>



**Business Studies Learning Resources**

<https://watchdocumentaries.com/enron-the-smartest-guys-in-the-room/>



# Chemistry



**Podcast:**

**5 podcasts of different elements from the periodic table**

<http://www.rsc.org/periodictable/podcast>



**Twitter**  
**@RoyalSocChem**

to give every mind in the chemical sciences the support, resources and connections they need to shape chemistry's future.



**Twitter**  
**@ChemistryWorld**

Chemistry magazine bringing you the latest chemistry news and research every day. Published by the Royal Society of Chemistry.

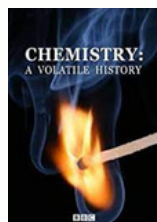


**Twitter**  
**@newscientist**

The best place to find out what's new in science – and why it matters.



**Chemistry: A Volatile History (BBC)**



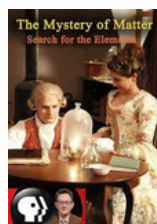
**Pain, Pus & Poison (BBC)**



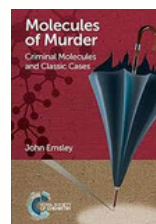
**Atoms Of Fire (ABC)**



**The Mystery of Matter**



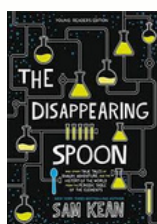
**Molecules of Murder (John Emsley)**



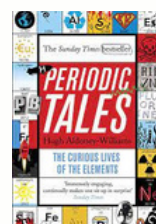
**Why Does Asparagus Make Your Wee Smell? (Andy Brunning)**













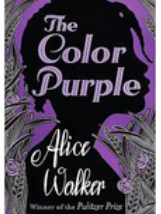

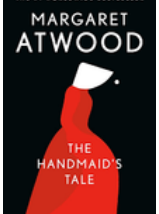
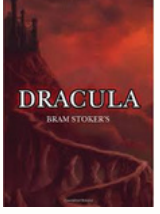
**The Disappearing Spoon (Sam Kean)**



**Periodic Tales (Hugh Williams)**



# English Language/Lit

 <p><b>Podcast:</b></p> <p>Create a login for Seneca and listen to podcasts for A Level English  <a href="https://www.senecalearning.com/blog/english-lit-a-level-podcasts-by-seneca/">https://www.senecalearning.com/blog/english-lit-a-level-podcasts-by-seneca/</a></p>	 <p><b>Podcast:</b></p> <p><a href="https://www.penguin.co.uk/">https://www.penguin.co.uk/</a></p>	 <p><b>Podcast:</b></p> <p><a href="https://mrbruff.com/">https://mrbruff.com/</a></p>
 <p><b>Podcast:</b></p> <p><a href="https://player.fm/podcasts/english-literature">https://player.fm/podcasts/english-literature</a></p>	 <p><b>National Theatre</b></p> <p>The National Theatre Live will screen a NT play every Thursday at 7pm. They will be available to watch for 7 days after this. It starts with James Corden in One Man Two Guvnors. The Royal Shakespeare company has free full-length broadcast.  <a href="https://www.nationaltheatre.org">https://www.nationaltheatre.org</a></p>	 <p><b>The Kite Runner / Tess of the D'Urbervilles</b></p>  
 <p><b>A Streetcar Named Desire / Pride and Prejudice</b></p>  	 <p><b>Shakespeare's Plays</b></p> <p><a href="https://www.shakespearesglobe.com/watch/">https://www.shakespearesglobe.com/watch/</a></p>	 <p><b>Atonement / The Bell Jar</b></p>  
 <p><b>The Worlds Wife / The Colour Purple</b></p>  	 <p><b>I Know Why The Caged Bird Sings / Brick Lane</b></p>  	 <p><b>The Handmaids Tale / Dracula</b></p>  

# History



## Podcasts:

BBC You're Dead to Me by Greg Jenner

BBC In Our Time with Melvyn Bragg



## History Extra (Spotify)

Dan Snow's History Hit



## BBC World Service Witness

Histories of the Unexpected



## HistoryPod:

On this Day in History Podcasts



## Rise of Empires: Ottoman (Netflix)



## The Coldest Game (Netflix)



## Lost Home Movies of Nazi Germany

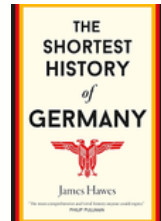


## History Video Channels:

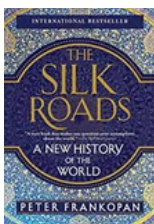
BBC Teach- Women's History Playlist  
TEDEd Assorted History lessons  
History Extra- YouTube BBC History YouTube Playlist



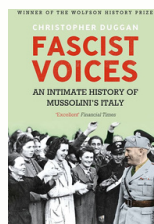
## The Shortest History Of Germany (James Haws)



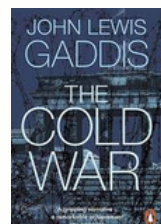
## Silk Roads (Peter Frankopan)



## Fascist Voices (Christopher Duggan)



## The Cold War (John Lewis Gaddis)





# Health & Social Care



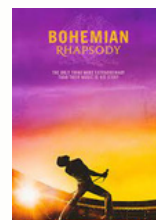
**Me Before You / Sorry We Missed You**



**To The Bone/ Still Alice**



**Bohemian Rhapsody / Hidden Figures**



**The Upside / The Children Act**



**My Sister's Keeper / Three Identical Strangers**



**Television Programmes:**

24 hours in A & E – Channel 4  
Babies: their wonderful world – BBC  
Britain's hidden hungry – BBC  
Crisis in Care: BBC Panorama  
Katie Piper: My beautiful face  
Jesy Nelson - BBC Three



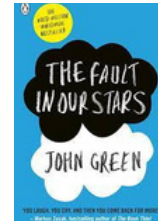
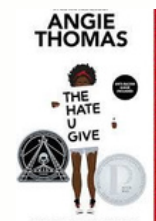
**Good Enough / If I Was Your Girl**



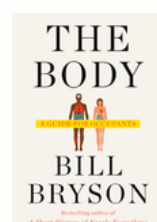
**How Children Learn / How Children Fail**



**The Hate U Give / The Fault In Our Stars**



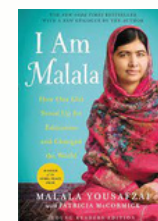
**The Weight Of A Thousand Feathers / The Body**








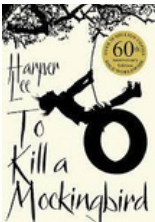
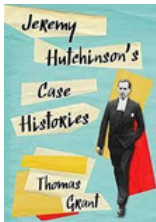
**All The Bright Places / Wonder**



**Junk / I Am Malala**



# Law

 <p><b>Podcasts:</b></p> <p><b>TED Talk on being a strong leader in business and economics-</b> <a href="https://www.youtube.com/watch?v=aUYSDE_Ydmzw">https://www.youtube.com/watch?v=aUYSDE_Ydmzw</a></p>	 <p><b>Podcasts:</b></p> <p><a href="https://www.youtube.com/watch?v=mTAa2Bm0EZM">https://www.youtube.com/watch?v=mTAa2Bm0EZM</a></p>	 <p><b>Podcasts:</b></p> <p><a href="https://www.youtube.com/watch?v=6pY7Ejq_D3QA">https://www.youtube.com/watch?v=6pY7Ejq_D3QA</a></p>
 <p><b>Podcasts:</b></p> <p><b>How to motivate people towards excellence</b>  <a href="https://www.youtube.com/watch?v=aljb6ZXBwV0">https://www.youtube.com/watch?v=aljb6ZXBwV0</a></p>	 <p><b>Silk (BBC)</b></p> 	 <p><b>When They See Us</b></p> 
 <p><b>The Split</b></p> 	 <p><b>Line Of Duty</b></p> 	 <p><b>Letters To a Law Student (Nicholas McBride)</b></p> 
 <p><b>To Kill A Mockingbird (Harper Lee)</b></p> 	 <p><b>Jeremy Hutchinson's Case Histories (Thomas Grant)</b></p> 	 <p><b>Winning Arguments (Jay Heinrichs)</b></p> 

# Mathematics

 <p><b>Podcast:</b></p> <p><a href="https://soundcloud.com/damien-adams-662584563">https://soundcloud.com/damien-adams-662584563</a>  <a href="https://kpknudson.com/my-favorite-theorem/">https://kpknudson.com/my-favorite-theorem/</a></p>	 <p><b>Podcast:</b></p> <p><a href="https://podcasts.ox.ac.uk/series/secrets-mathematics">https://podcasts.ox.ac.uk/series/secrets-mathematics</a>  <a href="https://www.bbc.co.uk/programmes/b00srz5b/episodes/downloads">https://www.bbc.co.uk/programmes/b00srz5b/episodes/downloads</a></p>	 <p><b>Podcast:</b></p> <p><a href="http://www7.breakingmathpodcast.com/">http://www7.breakingmathpodcast.com/</a>  <a href="https://www.bbc.co.uk/programmes/p00545hk">https://www.bbc.co.uk/programmes/p00545hk</a></p>
 <p><b>Podcast:</b></p> <p><a href="https://relprime.com/">https://relprime.com/</a>  <a href="https://player.fm/series/mathematical-moments-from-the-american-mathematical-society">https://player.fm/series/mathematical-moments-from-the-american-mathematical-society</a></p>	 <p><b>The Theory Of Everything (Stephen Hawking)</b></p> 	 <p><b>Prediction By The Numbers</b></p> 
 <p><b>The Code (Marcus du Sautoy)</b></p> 	 <p><b>21 (Robert Luketic)</b></p> 	 <p><b>The Colossal Book Of Mathematics (Martin Gardner)</b></p> 
 <p><b>The Music Of The Primes (Marcus du Sautoy)</b></p> 	 <p><b>Fermats Last Theorem (Simon Singh)</b></p> 	 <p><b>The Code Book (Simon Singh)</b></p> 

# Media Studies



## Ted Talk:

How symbols and brands shape our humanity  
by Debbie Millman



## Ted Talk:

How the world distorts our world view  
By Alisa Miller



## Ted Talk:

How social media transformed art?  
By Kenza Mouaqit



## Ted Talk:

The key to the media's hidden codes  
By Ben Beaton



## The Circle / Divergent



## Lion / Insidious



## Bird Box / Meet Joe Black



## Netflix

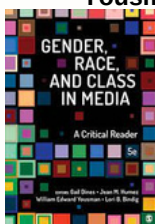
Luther  
Black Mirror  
Chambers  
The Witcher  
Rick and Morty



## We the Media (Dan Gillmor)



## Gender, Race and Class In Media (Bill Yousman)



## Feminist Theory From Margin to Centre (Bell Hooks)

















## Participatory Culture: Interviews (Henry Jenkins)





# Photography

 <p><b>Podcasts:</b></p> <p>A Small Voice: Conversations with Photographers by Ben Smith</p>	 <p><b>A Photographic Life</b> Founder by Grant Scott</p> <p><a href="http://www.unitednationsofphotography.com">www.unitednationsofphotography.com</a></p>	 <p><b>TPG :</b></p> <p><a href="http://www.thephotographersgallery.org.uk/content/talking-about-photography">www.thephotographersgallery.org.uk/content/talking-about-photography</a></p>
 <p><b>Mack Books:</b></p> <p><a href="http://www.mackbooks.co.uk/pages/live">www.mackbooks.co.uk/pages/live</a></p>	 <p><b>Dogville (Nicole Kidman)</b></p> 	 <p><b>Apocalypse Now (Francis Ford Coppola)</b></p> 
 <p><b>We'll take Manhattan (John McKay)</b></p> 	 <p><b>Rear Window (Alfred Hitchcock's)</b></p> 	 <p><b>British Journal Of Photography</b></p>  <p><a href="https://www.1854.photography/">https://www.1854.photography/</a></p>
 <p><b>PhotoGrad</b></p> <p><a href="https://www.photograd.co.uk">https://www.photograd.co.uk</a></p>	 <p><b>Magnum Photo:</b></p> <p><a href="https://www.magnumphotos.com">https://www.magnumphotos.com</a></p>	 <p><b>Photography Now</b></p> <p><a href="http://photography-now.com/exhibition/?type=A">http://photography-now.com/exhibition/?type=A</a></p>



# Physical Education



**Ted Talk:**

<https://voxcast.podomat.ic.com/>



**How to approach  
Corporate Social  
Responsibility (CSR) in  
a sustainable manner**

<https://thephysicaleducator.com/podcast/>



**The four- letter code  
to selling anything**

<https://peumbrella.com/the-pe-geek/>



**Ted Talk:**

<https://podcasts.apple.com/au/podcast/the-fundamental-movement/id1090377351?mt=2>



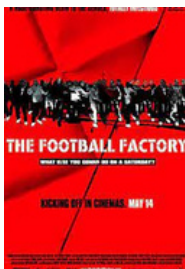
**Cool Runnings (Jon  
Turteltaub)**



**Gladiator (Ridley  
Scott)**



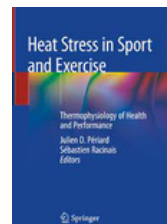
**The Football Factory  
(Nick Love)**



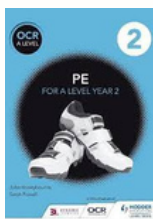
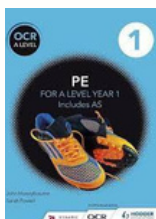
**Chariots of Fire (Hugh  
Hudson)**



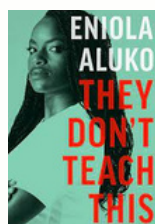
**Motor Learning and  
Performance**



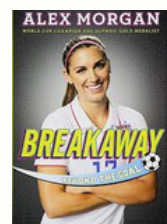
**OCR PE**



**They Don't Teach This  
/ Unbroken**



**Playing to Win /  
Breakaway**



# Physics



Twitter:  
@PhysicsNews

The Institute of Physics is a leading scientific membership society working to advance physics for the benefit of all.



Twitter:  
@ProfBrianCox

Touring the world, mainly talking about cosmology, quantum mechanics, black holes and the value of our civilisation.



Twitter:  
@newscientist

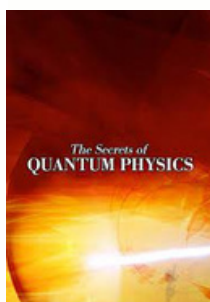
The best place to find out what's new in science – and why it matters.



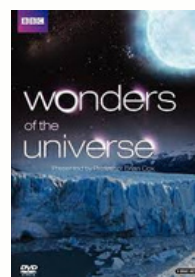
The Amazing World of Gravity (Andrew Smith)



Secrets of Quantum Physics (Jim Al-Khalili)



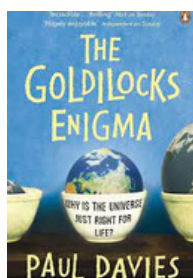
Wonders of the Universe (BBC)



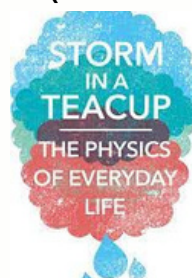
Particle Fever (Mark Levinson)



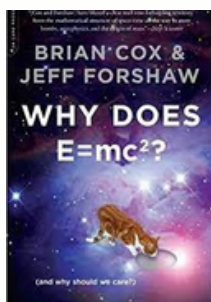
The Goldilocks Enigma (Paul Davies)



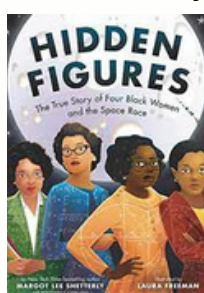
Storm In A Teacup (Helen Czerski)



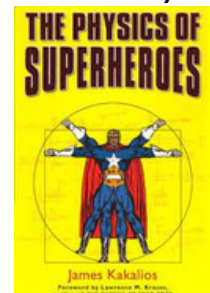
Why Does  $E = MC^2$  (Brian Cox & Jeff Forshaw)



Hidden Figures (Margot Lee Shetterly)



The Physics of Superheroes (James Kakalios)



# Psychology



## Happier with Gretchen Rubin

With more than 42 MILLION podcast downloads, Rubin showcases her understanding of human behaviour and how she has HELPED MOTIVATE PEOPLE to accomplish their goals.



## Super Psychology

Available on Spotify and is all on A-level content



## AQA A-Level Psychology

Available on Spotify and is all on A-level content



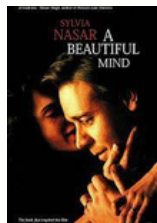
## The Psychology Podcast

by Scott Barry Kaufman

Available on Spotify



## A Beautiful Mind / Split



## The Stanford Prison Experiment / Memento



## Project Nim / Inception



## Netflix

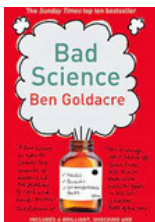
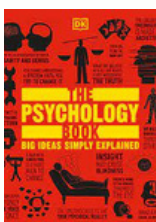
Derren Brown  
Babies  
100 Humans  
Making a Murderer  
The Mind Explained  
Orphan Black



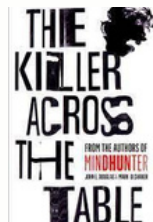
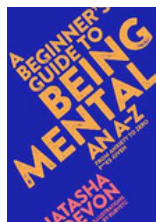
## The Man Who Mistook His Wife for a Hat / Cathy Glass



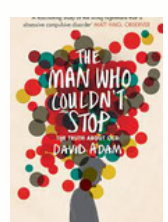
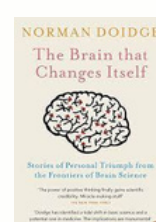
## The Psychology Book / Bad Science



## A Beginners Guide to Being Mental / The Killer Across The Table



## The Brain that Changes Itself / The Man Who Couldn't Stop





We hope that you find these activities engaging and inspiring and that you start your sixth-form journey with us excited to start learning more about your chosen subjects.

**See you on Tuesday, 5th September at 8:30am for a Welcome Breakfast.**