Beverley High School

Our aim for every student entering Year 10 at Beverley High School is to inspire a love of learning as pupils embark on their Key Stage 4 education. Pupils are offered a range of extra-curricular activities ('extra' referring to outside the regular curriculum, e.g. a sports club). Super-curricular activities are academic activities that take the regular curriculum further. They take the subjects pupils study in the classroom beyond what has been taught or completed for Independent Learning.

The super-curriculum is a complement to what students study in the classroom and is designed to challenge students beyond what they study at school. The initiative allows students to pursue their own academic interests independently and proactively. It is not compulsory and is entirely self-selecting and, currently, is completely separate from any independent learning tasks your child completes at home. Super-curricular activities may involve reading books, magazines or journal articles, listening to podcasts, watching documentaries, attending lectures or visiting places of interest. An activity may be, for example, watching a Science lecture on YouTube or listening to a podcast on an historical period. This can be particularly useful if your child wishes to pursue A level study and Higher Education, as many high-tariff Universities (namely Oxford and Cambridge and the Russell group) are keen to offer places to students with a proven passion for their subject.

Subject specialists within school have carefully chosen suggested super-curricular activities within a range of subject disciplines, but students should not feel limited to these, nor is there any expectation to complete all activities within one subject area. All super-curricular content will be published on the school website and your child may wish to print the material off or keep a notebook or folder. Further suggestions for super-curricular engagement (for instance subject-specific wider reading lists) will also be listed on the school website, so please check regularly for updates. We recommend in particular the digital platform from Oxford University, Oxplore. https://oxplore.org/

Miss. C. Butlin
Super-curricular Lead

Watch 'The School of Life's' video on 'The History of Ideas – Art:' https://www.youtube.com/watch?v=z7ECzduUWx0	Visit any local gallery including: Ferens, Humber Street Gallery, Beverley Art Gallery, Creation at SALT and HIP.	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/about/artproject/
Watch 'A History of Art in Three Colours' on the BBC or Watch 'Simon Schama's Power of Art.'	Find out more about Frida Kahlo: https://ed.ted.com/lessons/frida-kahlo-the-woman-behind-the-legend-iseult-gillespie or Jean Michel Basquiat https://ed.ted.com/lessons/the-chaotic-brilliance-of-artist-jean-michel-basquiat-jordana-moore-saggese	Watch the TedEd talk, 'Who decides what Art means?' https://ed.ted.com/lessons/who-decides-what-art-means-hayley-levitt
Watch 'Master of Photography' on Sky or 'Portrait Artist of the Year' on Channel 4: https://www.channel4.com/programmes/portrait-artist-of-the-year-2019/episode-guide	Set up your own still life at home and draw/paint objects that tell people something about you.	Listen to the Grayson Perry Reith lectures: 1. Democracy has bad taste 2. Beating the Bounds 3. Nice rebellion, welcome in! 4. I found myself in the art world https://www.bbc.co.uk/programmes/b03969vt

Computer Science

Learn SQL: https://www.w3schools.com/sql/default.asp	**Build a JavaScript Game using the following:** https://developer.mozilla.org/en-US/docs/Games/Tutorials/2D_Breakout_game_pure_JavaScript https://www.w3schools.com/graphics/game_intro.asp	**Build a website with Bootstrap:** https://www.w3schools.com/bootstrap/bootstrap_ver.asp
Watch Hay Levels 'Digital Ethics:' https://www.youtube.com/watch?v=RDpl9gahcLM&disable_polymer=true	**Visit the BBC Click website and read the articles:** https://www.bbc.co.uk/programmes/b006m9ry	**Learn to use a Raspberry Pi:** https://www.w3schools.com/nodejs/nodejs_raspberrypi.asp https://www.raspberrypi.org/education/
Become a leader with CyberStart: https://go.joincyberstart.com	**Sign up to iDEA, the Duke of York's Inspiring Digital Enterprise Award:** https://idea.org.uk/	**Listen to the podcast, 'The Digital Human:'** https://www.bbc.co.uk/programmes/b01n7094/episodes/downloads

Watch a Ted Talk on the Circular Economy: https://www.ted.com/search?q=circular+economy	**Watch any video by Mark Miodownik (materials engineer):** https://royalsociety.org/science-events-and-lectures/2018/02/faraday-prize-lecture/ http://www.markmiodownik.net/?page_id=45	**Listen to 'Mary Portas on Style' on Radio 4:** https://www.bbc.co.uk/programmes/m0008hwf **Listen to 'Fashion Fix' with Charli Howard:** https://www.bbc.co.uk/programmes/p07n1d1p/episodes/downloads
Watch Ted Talks on 'Emerging Technologies:' https://www.ted.com/search?q=emerging+technologies	**Listen to Radio 4's 'Smart Consumer' on second hand clothes:** https://www.bbc.co.uk/programmes/p07nxkt9	**Enter Design Ventura:** www.designmuseum.org in a team of 4 or more.
Find out who Jonathan Ive is.	**Look at the 'Wired' magazine website:** https://www.wired.co.uk/	**Visit:** www.bbc.co.uk/technology to find out about new and emerging technologies,

Drama

Listen to the Radio 4 Drama of the Week podcast: https://www.bbc.co.uk/programmes/p02nrv5m/episodes/downloads	Explore Shakespeare's Globe Theatre online: https://www.shakespearesglobe.com/discover/	Watch 'Antonin Artaud and the Theatre of Cruelty: Crash Course Theatre': https://www.youtube.com/watch?v=DK_vZuLYHcw
Watch the film version of 'The Crucible.' Evaluate the acting of the actor playing John Proctor.	Gather a group and create a piece of Theatre in Education aimed at Key Stage 3. Be prepared to perform this to KS3 Drama club. The aim is to educate and inform.	Design and explain a staging and lighting concept for a production of 'An Inspector Calls.'
Read the reviews of recent productions on the 'Theatre' section of 'The Guardian' online: https://www.theguardian.com/stage/theatre+tone/reviews	See a 'National Theatre Live' performance at the cinema: http://ntlive.nationaltheatre.org.uk/	Read 'DNA' by Dennis Kelly or 'A Taste of Honey' by Shelagh Delaney or 'The History Boys' by Alan Bennett.

Read a book from 'The Booker Prize' list of nominees or winners: https://thebookerprizes.com/fiction	**Read a book from the 'Women's Prize for Fiction' nominees or winners:** https://www.womensprizeforfiction.co.uk/	**Read the articles from a section of the 'Discovering Literature' website from 'The British Library.'**
Watch 'The School of Life' on Jane Austen: https://www.youtube.com/watch?v=LIYiThAyY8s&list=PLwxNMb28Xmpfv2COuuJaKzy6E2n8nSMdi&index=4&t=0s **Or Charles Dickens:** https://www.youtube.com/watch?v=N9dB9BZWDBU&list=PLwxNMb28Xmpfv2COuuJaKzy6E2n8nSMdi&index=5	**Watch TedEd 'What makes a poem a poem?'** https://ed.ted.com/lessons/what-makes-a-poem-a-poem-melissa-kovacs	**Watch TedEd 'Why tragedy is alluring:'** https://ed.ted.com/lessons/why-tragedies-are-alluring-david-e-rivas
Read Hans Bertens 'Literary Theory: the basics.'	**Watch 'Hay Levels Live: Shakespeare:'** https://www.youtube.com/watch?v=vWMb-TOegQ4&disable_polymer=true	**Listen to the podcast 'Books and Authors:'** https://www.bbc.co.uk/programmes/p02nrsfl/episodes/downloads

Geography

Urban Issues and Challenges	_Physical Landscapes in the UK_
Research or visit Queen Elizabeth Park (the 2012 Olympic Games site) in Shoreditch, London and take a journey on Crossrail when it opens.	**Visit our local coastline - Selwick Bay, Flamborough has good examples of features of coastal erosion (caves, arches, stacks, wave cut notches).**
Research or visit Humber Street in Hull as a local example of urban regeneration. Find out about the history of Hull's Fruit Market and the plans for further regeneration of the area.	**Watch the BBC's 'Coast' (Series 2, episode 6 - Newcastle to Hull): https://www.bbc.co.uk/programmes/b006mvlc (or on Clickview).**
Watch 'The Fifteen Billion Pound Railway:' a 3-part series produced by the BBC looking at the construction of Crossrail: https://www.youtube.com/watch?v=IrLNJi2Zffs&disable_polymer=true (or on Clickview).	**Make a model showing the formation of a spit.**
Watch 'Welcome to Rio' on the BBC (Episode 3 looks at Rio's favelas – warning: contains some strong language). https://www.bbc.co.uk/programmes/b045h9nn (or on Clickview).	**Study the coastal defences at Mappleton and Hornsea.**
Research the legacy of the 2016 Olympic Games on the city of Rio de Janeiro.	**Listen to Radio 4's 'Holding Back the Sea:' https://www.bbc.co.uk/programmes/b04pbmk1**

Geography

Living World – Ecosystems, Tropical Rainforest	*Challenge of Resource management*
Produce a collage with labels to show the 4 layers of the rainforest.	**Watch 'Global Energy Security' on Clickview.**
Watch 'Equator from the Air' – South America: https://www.bbc.co.uk/programmes/m0005hx5 (or on Clickview). **and** **'Planet Earth' – Jungles: https://www.bbc.co.uk/programmes/b006mywy (or on Clickview).**	**Visit a local Farmer's Market to investigate how local suppliers are selling seasonal food.**
Visit or research 'The Eden Project' in Cornwall or 'Kew Gardens' in London.	**Visit a dam and a reservoir – e.g. Kielder Water in Northumbria, or examples in the Peak District (e.g. Ladybower, Carsington Water to name a few).**
Research the causes and effects of deforestation in the Amazon Rainforest.	**Watch 'Food Fights' from the series 'How Cities Work:' https://www.discoveryuk.com/series/how-cities-work/ (or on Clickview) and 'Future of Food' - 3 episodes: https://www.bbc.co.uk/programmes/b00m9xjc/episodes/guide (or on Clickview).**

History

Watch 'Medicine Through Time' on the BBC: https://www.bbc.co.uk/programmes/articles/2LwpBTHK7f5PwhwFNYJ6GV7/medicine-through-time And 'Lessons in History:' https://www.youtube.com/results?search_query=%23LessonsInHistory	Read the book, 'Travellers in the Third Reich: The Rise of Fascism Through the Eyes of Everyday People' by Julia Boyd.	Watch the film 'Breaking the Mould: the story of Penicillin': https://www.youtube.com/watch?v=dTlOEjHtkp0
Listen to Dan Snow's 'History Hit' podcast: https://www.historyhit.com/podcasts/dan-snows-history-hit/	Research Dr. John Snow: www.johnsnowsociety.org	Create a profile on Goebbels, Rohm, Himmler and the SA/SS.
Visit/research the Thackray Medical Museum, Leeds or the Imperial War Museum, the Florence Nightingale Museum or Broad Street pump in London.	Watch 'Rise of the Nazis' on the BBC: https://www.bbc.co.uk/programmes/m00084td	Watch Andrew Marr's 'History of the World: Adolf Hitler's Rise to Power:' https://www.bbc.co.uk/programmes/p012wh9p

Maths

Listen to the 'More or Less' podcast: https://www.bbc.co.uk/programmes/b006qshd	Research John Venn and his contributions to mathematics - https://www.britannica.com/biography/John-Venn You could visit Hull University and see the building named after him. Research other locally born Mathematicians: https://en.wikipedia.org/wiki/Category:Mathematicians_from_Kingston_upon_Hull	Watch Dara O'Briain's School of Hard Sums: https://dave.uktv.co.uk/shows/dara-o-briain-school-of-hard-sums/ https://www.youtube.com/playlist?list=PLZpinh_mIvOornkMUjfHReeqMDK0Vv5X6
Learn about 'The Four Colour Map Theorem': https://steemit.com/steemstem/@anevolvedmonkey/the-four-colour-map-theorem	Listen to the podcast 'A Brief History of Mathematics,' by Marcus du Sautoy: https://www.bbc.co.uk/programmes/b00srz5b	Watch 'The Infinite Hotel Paradox' on TedEd: https://www.youtube.com/watch?v=Uj3_KqkI9Zo
Research 'Millennium Problems:' https://www.claymath.org/millennium-problems https://ibmathsresources.com/2013/03/20/milliondollarmathsproblem/	Listen to the podcast,'Relatively Prime: Stories from the Mathematical Domain:' http://relprime.com/	Research the life of Alan Turing and his contribution to the development of Mathematics. This website provides a starting point: https://nrich.maths.org/8050

Music

Listen to 'Pie Jesu' from Faure's Requiem and compare it to Verdi's 'Pie Jesu.'	Listen to the album 'Sheer Heart Attack' by Queen.	Listen to 'The Planets' by Gustav Holst and write a review of your favourite of the seven pieces/planets.
Research the difference between Latin American musical dance styles (tango, salsa, samba and bossa nova).	Research and get tickets for a live music performance in Hull at the Bonus Arena, Hull City Hall or Hull New Theatre. Research and get tickets for one of the music festivals in Beverley such as the Folk Festival, Chamber Music Festival or Early Music Festival.	Enter the East Coast Young Musician competition on your instrument/voice.
Choose from the following contemporary British composers and produce a short biography: • **Malcolm Arnold** • **Benjamin Britten** • **Peter Maxwell Davis** • **John Tavener**	Watch this year's Glastonbury Festival footage on the BBC and see great acts from previous festivals on YouTube.	Give a friend some lessons on the instrument you play.

Watch the documentary 'I am Bolt' (2016) which follows the sprinting legend as he prepares to go for Gold at the 2016 Rio Olympics.	Watch the BBC's Panorama episode 'Catch Me if You Can' which investigates serious allegations of doping in athletics, involving some of the biggest stars in the sport: **https://www.bbc.co.uk/programmes/n3cszjzn**	Research the news coverage of Caster Semenya.
Create/plan a fitness circuit to help improve a component of fitness or sports skills.	Read the article in 'The Guardian' about 'Sporting Pioneers:' **https://www.theguardian.com/society/2009/apr/07/women-winter-olympics-ski-jumping**	Research the gender pay gap in the sports industry.
Watch the documentary 'Mo Farah: No Easy Mile' (2016).	Find out more about 'The Game Changers' film about meat, protein and strength: **https://gamechangersmovie.com/**	Research the 'This Girl Can' campaign: **https://www.thisgirlcan.co.uk/**

Religious Studies

A to Z of religion:	A to Z of religion:	A to Z of religion:
J is for Jesus. A slightly different look at the life, death and influence of Jesus including his place in the Trinity, Jewish and Islamic beliefs about him: https://www.bbc.com/teach/class-clips-video/religious-education-ks3-a-z-of-religion-and-beliefs-j-is-for-jesus/zdgv47h	*K is for kosher*. A short video introducing the rules of Kosher and Halal and also explains the reluctance to eat meat typical of Hindus and Buddhists: https://www.bbc.com/teach/class-clips-video/religious-education-ks3-a-z-of-religion-and-beliefs-k-is-for-kosher/zvtmnrd	*L is for Laws and rules:* an animated overview of what Jews, Christians and Muslims think about religious laws and how religious laws and state laws sometimes clash: https://www.bbc.com/teach/class-clips-video/religious-education-ks3-a-z-of-religion-and-beliefs-l-is-for-laws-and-rules/zmkcwty
The film 'Hacksaw Ridge is about a pacifist during the Second World War. Watch the video below about Desmond Doss: https://www.youtube.com/watch?v=HC1S7KyLQqg	Read the book 'Sophie's World' by Jostein Gaarder.	Listen to the Radio 4 podcast 'Beyond Belief:' https://www.bbc.co.uk/programmes/b006s6p6/episodes/downloads
Watch the 'Oxplore' debate on the topic of 'would you want to live forever?' https://www.youtube.com/watch?v=GVzdJJvz-J0	Watch the 'Oxplore' video on 'what is the meaning of life?' https://www.youtube.com/watch?v=O0eHRYB7zZo&disable_polymer=true Or 'could we live without laws?' https://www.youtube.com/watch?v=rE1i4NjY8I0&disable_polymer=true	Listen to the Radio 4 podcast 'Moral Maze:' https://www.bbc.co.uk/programmes/b006qk11/episodes/downloads

Science

Watch the videos on the 'Oxford Sparks (Bringing Oxford Science to Life' YouTube channel: https://www.youtube.com/user/OxfordSparks	Read Bill Bryson's 'A Short History of Nearly Everything.'	Read 'Bad Science' or 'Bad Pharma' by Ben Goldacre.
Watch 'Hay Levels Live,' Physics: https://www.youtube.com/watch?v=5jrYsoW-9N0&disable_polymer=true	Write a report about a contemporary female Physicist or Chemist.	Watch 'Hay Levels Live,' Biology: https://www.youtube.com/watch?v=KW6Rj6oJvoY&disable_polymer=true
Research the field of nanoscience.	Listen to the Radio 4 podcast, 'Inside Science:' https://www.bbc.co.uk/programmes/b036f7w2/episodes/downloads	Listen to the Radio 4 podcast, 'The Life Scientific:' https://www.bbc.co.uk/programmes/b015sqc7/episodes/downloads