

Read, Listen, Watch - Love Learning for Life!

The following is a list that has been put together by your teachers at Cavendish School.

We believe that the challenge to engage with these independently will increase your knowledge, understanding and communications skills, while decreasing your stress. Engaging with any of these will improve your attainment and, we hope, inspire and Love of Learning for Life.

Parents and Carers: Please be mindful of the ratings on the recommended watch list; this is a list aimed at the whole secondary school. One tip would be to turn on the subtitles of anything you are watching to add to the literacy development.

Subject	Read	Listen	Watch
Art	<ul style="list-style-type: none"> • The Boy That Bit Picasso's Ear - Anthony Penrose • Seeing Things: A Kids Guide to Looking at Photographs - Joel Meyerowitz • The Most Exciting Artists of All Time - Mary Richards • How to be an Explorer of the World: Portable Art Life Museum - Keri Smith • The Bigger Picture - Women Who Changed the Art World - Sophia Bennett and Manjit Thapp • A World History of Art (Hugh Honour and John Fleming) • Ways of Seeing (John Berger) • Vincent and Theo - the Van Gogh Brothers (Deborah Heiligman) • Playing to the Gallery (Grayson Perry) • The Secret Life of Colour (Kasia St Clair) • Wall and Piece (Banksy) • https://www.young-art.org.uk/ 	<ul style="list-style-type: none"> • Talk Art Podcast 	<ul style="list-style-type: none"> • Grayson Perry's Art Club • Portrait Artist of the Year • Landscape Artist of the year • The movie 'Loving Vincent' • Tate kids website • Exit Through the Gift Shop

DT	<ul style="list-style-type: none"> • How We Got To Now - Steven Johnson • How Machines Work - David Macaulay • Super Cool Tech - DK • The Boy Who Harnessed the Wind. 		<ul style="list-style-type: none"> • Smarter every day. This is Destin Sandlin's youtube channel. It has 8.08million subscribers. • The Big Life Fix with Simon Reeve- There are a couple of series of these excellent programmes from the BBC. Here is a link to the first episode. • The Boy Who Harnessed the Wind. • Grand Designs • The Great British Sewing Bee (BBC Iplayer)
Science	<ul style="list-style-type: none"> • Science Squad - Robert Winston • Kay's anatomy - Adam Kay • Exploring the Elements - Isabel Thomas • Operation Ouch • The Body - Bill Bryson • Science Focus Magazine • Almost Astronauts - 13 Women who dared to dream • Florence Nightingale: The courageous life of the legendary nurse • The Fangirl's Guide to the Galaxy - A Handbook for Girl Geeks • Bomb: The Race to Build - and Steal - the World's Most Dangerous Weapon • A Black Hole is Not a Hole 	<ul style="list-style-type: none"> • Tumble podcasts for kids 	<ul style="list-style-type: none"> • Planet Earth and Planet Earth 2 • The Green Planet - David Attenborough • National Geographic Kids Website
Geography	<ul style="list-style-type: none"> • Earth From Space (Johnston) • Super Earth Encyclopedia 	<ul style="list-style-type: none"> • Four Rivers BBC Sounds 	<ul style="list-style-type: none"> • Simon Reeve documentaries on BBC iplayer

	<ul style="list-style-type: none"> ● Horrible Geography series ● Our Wonderful World (Handicott & Ryan) ● Adventures on Earth (Tyler) ● Generation Green (Silvertsen) ● Drowned City (Brown) ● National Geographic Kids magazine ● Journey along the River Nile (Newland) ● Eco Kids Planet magazine ● Hurricane Song (Volponi) ● Natural Disaster Zone: Earthquakes and Tsunamis (Hubbard) ● Prisoners of Geography 		<ul style="list-style-type: none"> ● Seven Worlds, One Planet (BBC iplayer) ● A Perfect Planet (BBC iplayer) ● Climate Change - the Facts (BBC iplayer) ● Extinction: the Facts (BBC iplayer) ● Our Planet (Netflix documentary) ● Magical Andes (Netflix documentary) ● Green Cities (Netflix) ● Explained (Netflix) ● Down to earth (Netflix)
Catering	<ul style="list-style-type: none"> ● How Food Works - DK ● The Science of Cooking ● Science You Can Eat ● The Atlas You Can Eat ● Harry Potter Baking Book ● The Cookbook for Teens 	<ul style="list-style-type: none"> ● 	<ul style="list-style-type: none"> ● Masterchef ● The Great British Bake Off (Channel 4) ● "How 2 cook that" (YouTube) ● Matilda and the Ramsey Bunch (CBBC) ● Sugar Rush (Netflix) ● Step Up to the Plate (BBC Iplayer) ● Junior Bake Off (Channel 4)
RE	<ul style="list-style-type: none"> ● The Lion, the Witch and the Wardrobe by CS Lewis ● His Dark Materials series by Philip Pullman ● Life of Pi - Life of Pi is a fantasy adventure novel by Yann Martel published in 2001. The protagonist, Piscine Molitor "Pi" Patel, a Tamil boy from Pondicherry, explores issues of spirituality and practicality from an early age. 	<ul style="list-style-type: none"> ● Listen to Thought for the Day on Radio 4: Are there important messages to hear even if you are not Christian? ● Listen to the BBC podcast Comic Sanskrit. ● St Paul's Cathedral choir have created a spotify 	<ul style="list-style-type: none"> ● The Vicar of Dibley - a sitcom set in a fictional small Oxfordshire village called Dibley, which is assigned a female vicar following the 1992 changes in the Church of England that permitted the ordination of women. (Netflix) (BBCiPlayer) ● Watch and listen carefully to the arguments presented in this BBC

	<ul style="list-style-type: none"> ● 'The Hitchhiker's Guide to the Galaxy'. The first book in the highly popular series of comic science fiction novels by British writer Douglas Adams. The saga mocks modern society with humour and has as its hero a hapless, deeply ordinary Englishman (Arthur Dent) who unexpectedly finds himself adrift in a universe characterized by randomness and absurdity. 	<p>playlist of their singing.</p> <ul style="list-style-type: none"> ● 'The Moral Maze' BBC Radio 4 (there are lots of episodes to choose from) Engaging live debate examining the moral issues behind one of the week's news stories. 	<p>video with Brian Cox discussing genetically modified crops</p> <ul style="list-style-type: none"> ● Watch this video on the debate whether women can, or should, be priests or bishops here ● Bruce Almighty- comedy- drama film about a man who gets the power of God- watch the trailer here ● Evan Almighty
English	<ul style="list-style-type: none"> ● Read short stories and extracts from a wide range of writing on Common Lit. There are also some quizzes and questions on the website to check your understanding. ● Read 'The Book of Hopes' (published 2020) ● Journey's End by R.C. Sherriff ● Rebecca by Daphne Du Maurier ● Sherlock Holmes by Sir Arthur Conan Doyle ● Myths and Legends ● Great Expectations by Charles Dickens ● Havisham by Carol Ann Duffy 	<ul style="list-style-type: none"> ● Listen to an audiobook from this Virtual School Library. ● Listen to audiobooks for free on Audible Stories. Explore the wide ranging library for books for your age and interests. ● Listen to Podcasts by Frank Skinner which explores a range of interesting poetry 'Frank Skinner's Poetry Podcast'. BBC Podcasts ● Listen to audio recordings of classic stories on Lit2Go and read along online. For example, Tom Sawyer 	<ul style="list-style-type: none"> ● Explore the excellent videos on Ted Ed on Literature, Language and The Arts (use the menu to help you sort through the collection). Eg. The Importance of Setting in Story (a song), How did English Evolve? or Who Was the World's First Author? ● BBC Adaptations of Shakespeare's plays/ Animated Tales ● A Christmas Carol ● Animal Farm ● The Hunger Games ● A Midsummer Night's Dream ● Macbeth (Patrick Stewart Version) ● Of Mice and Men ● Shakespeare Documentary on iplayer
Computing	<ul style="list-style-type: none"> ● Ant Clancy: Games Detective - Ruth Morgan 	Podcasts	<ul style="list-style-type: none"> ● Mr Ahmed Computing

	<ul style="list-style-type: none"> ● Level Up - Tom Nicoll & Anjan Sarkar ● Agent Asha: Mission Shark Bytes ● Hacker - Malorie Blackman ● 100 Things to Know About Numbers, Computers & Coding ● I Swapped My Brother On The Internet - Jo Simmons & Nathan Reed 	<ul style="list-style-type: none"> ● Software Engineering Radio ● Security Now ● Linux Action Show ● Twit ● Spark with Nora Young 	<ul style="list-style-type: none"> ● Crash Course Computer Science <p>Film</p> <ul style="list-style-type: none"> ○ War games ○ The Imitation Game
MFL	<p>Short-stories to read in French and Spanish. Pick and choose your favourite one!</p> <ul style="list-style-type: none"> ● French fairy tales. ● Spanish Fairy tales 	<p>Learn French and Spanish songs with:</p> <ul style="list-style-type: none"> ● Alain le Lait: French songs ● Spanish songs: Spanish songs 	<p>Watch some French and Spanish cartoons!</p> <ul style="list-style-type: none"> ● Youtube French cartoons ● Youtube Spanish cartoons
History	<ul style="list-style-type: none"> ● Nineteen Eighty Four, George Orwell ● The Boy in the Striped Pajamas, John Boyne ● Very Interesting People series and Penguin monarchs series (including English monarchs - some more complex) ● Further links from Guided Reading material shared in class resources ● Subscription or payment for History magazines: BBC History, All About History, History Revealed ● Horrible Histories Collection ● My Story Collection ● Blood and Guts by Roy Porter (+14) 	<ul style="list-style-type: none"> ● Homeschool History podcasts ● In Our Time (BBC Sounds, Radio 4) ● You're Dead to Me (BBC Sounds Podcasts) ● Horrible History Songs ● Six The Musical soundtrack 	<ul style="list-style-type: none"> ● 360 tour of Parliament ● Timelines.tv for wider range of short documentaries ● Google Arts and Culture: Museum tours ● History 101 (Netflix) ● Dan Snow War Documentaries ● The Boy in the Striped Pajamas ● Hitler: The Rise of Evil (+15) ● Chernobyl ● Horrible Histories (BBC and Netflix) ● Hamilton (Disney) ● Les Miserables
Maths	Books to Read	<ul style="list-style-type: none"> ● Modelling the 	

	<ul style="list-style-type: none"> ● Humble Pi - a comedy of Maths errors - Matt Parker (published 2020) ● The Hidden Mathematics of Sport by Rob Eastaway ● How Long is a Piece of String? By Rob Eastaway Challenges, Tasks & Problem Solving ● Estimation Tasks - Estimation 180. Andrew Stadel shares his collection of maths pictures for students to discuss and estimate. A wonderful way to develop number sense in a thoroughly engaging way. ● Number Talk Images A lovely collection of photos that can be used to inspire number talks and discussion of calculation strategies. I have found this works wonders with younger students to help develop crucial skills of fluency. ● Visual Patterns - what is the equation? Fawn Nguyen has produced this lovely site where you can find hundreds of interesting patterns for students to investigate. Can they draw the next pattern? How many ways can they find to describe how the pattern grows? Can they convince you how many would be in the 100th pattern? ● Which one doesn't belong? A lovely website which presents students with 4 things (they could be numbers, graphs, 	<p>Coronavirus with Hannah Fry Spencer talks to the Maths superstar about how maths has helped to model the Coronavirus pandemic. In 2018, Hannah was involved with a BBC programme which used volunteers' smartphones to help track how people moved around the country.</p> <p>More or Less More or Less - Radio 4. Tim Harford explains - and sometimes debunks - the numbers and statistics used in political debate, the news and everyday life.</p> <ul style="list-style-type: none"> ● For example - 10 year old Felix asked 'How many animals are born every day?' ● Does a plastic bag really take 1000 to degrade? ● Can you have too much pocket money? 	<p>Maths Youtube Channel - Numberphile</p> <p>Numberphile</p> <ul style="list-style-type: none"> ● The Imitation Game ● Hidden Figures ● Infinity ● A Beautiful Mind ● The Man Who Knew Infinity ● The Secret Genius of Modern Life ● Hannah Fry's Mysterious World of Maths
--	---	--	---

	<p>shapes, etc) and asks them to argue which one doesn't belong. This can foster really rich, meaningful discussions, especially if you challenge students to come up with an argument why each one item does not belong. Submit your answers online for feedback.</p> <ul style="list-style-type: none"> ● Would You Rather Maths? A great source of images and discussion points for students to use their maths skills in real life and interesting situations. Asking students to choose a path and justify with Maths. ● Graphing Stories A wonderful website for helping students develop skills in plotting real life graphs. The videos are perfect hooks, and there is a handy students website provided. A favourite is the bench press! ● All the news that is fit to Maths. A collection of real life news stories that feature an element of mathematics ● NRICH NRICH is an innovative collaboration between the Faculties of Mathematics and Education at the University of Cambridge which focuses on problem solving and on creating opportunities for students to learn mathematics through exploration and 	<ul style="list-style-type: none"> ● Mathematics is the science of imagination ● The mathematical consequence of unneutered cats ● Which countries will get the most olympic medals? ● The Curious Case of Rutherford & Fry 	
--	---	---	--

	<p>discussion.</p> <p>Activities for ages 11-14 Secondary Poster Problems Summer 2020</p> <p>Each weekday from 20 July to 28 August 2020, a new poster problem appeared on this page. After you've had a go at the day's problem you can compare your approach to the solutions we have published, which are based on students' work. If you particularly enjoy one of the challenges and would like to explore further, you can follow the link to the original problem on which the poster is based.</p>		
PE	<ul style="list-style-type: none"> ● Run Rebel ● The Crossover ● Game Changer ● Gloves Off (+14) ● Armistice Runner ● You Are a Champion ● Rebel girls – Champions ● Kick ● I was born for this ● Leap ● Sam Kerr - My journey to the World Cup 	<ul style="list-style-type: none"> ● 5 Live's Football Daily ● The Athletics 	
Music	<ul style="list-style-type: none"> ● Musical Truth - Jeffrey Boakye and Ngadi Smart 	<ul style="list-style-type: none"> ● Song a Day ● Taylor Talk ● Zach Sang Show ● The Zane Lowe Interview Series 	<ul style="list-style-type: none"> ● Tiny Desk Concerts ● Taylor Swift Eras Tour ● Pete Tong's Heritage Orchestra ● The Tiny Desk Concerts ● Rocketman

		<ul style="list-style-type: none"> ● BBC Live Lounge 	<ul style="list-style-type: none"> ● Bohemian Rhapsody ● Moulin Rouge
Drama	<ul style="list-style-type: none"> ● Around the world in 80 days - Laura Eason ● A Midsummer Night's Dream ● Macbeth ● The Tempest ● The Caretaker - Harold Pinter ● DNA - Dennis Kelly ● Metamorphosis - Steven Berkoff ● Girls Like That - Evan Placey 	<ul style="list-style-type: none"> ● BBC Sounds Drama Podcasts 	<ul style="list-style-type: none"> ● National Theatre online collection ● The Globe online
Photography	<ul style="list-style-type: none"> ● Photography Books 	<ul style="list-style-type: none"> ● Photography Podcasts You Won't Want to Miss 	<ul style="list-style-type: none"> ● Piximperfect tutorials on YouTube