



## Sixth Form Holiday Work and Activities

### Departmental Suggestions for Extension Work

The list of activities and extension materials below outline some of the ideas offered by Academic Departments that pupils might like to try out - pupils should remember to keep a record of anything they attempt and/or complete and share ideas on their tutor group's Google Classroom.

Department	Suggestions	Useful Links
Chemistry	<ul style="list-style-type: none"> <li>• <i>What is Chemistry</i> by Peter Atkins</li> <li>• <i>Superheavy: Making and Breaking the Periodic Table</i> by Kit Chapman</li> </ul>	<a href="https://amzn.to/2WyNmNv">https://amzn.to/2WyNmNv</a>  <a href="https://amzn.to/2UtcnqM">https://amzn.to/2UtcnqM</a>
Drama	<ul style="list-style-type: none"> <li>• The BBC is looking for scripts about self-isolation to be made into short films</li> </ul>	<a href="https://www.radiotimes.com/news/tv/2020-03-23/bbc-scriptwriting-competition/">https://www.radiotimes.com/news/tv/2020-03-23/bbc-scriptwriting-competition/</a>
English	<ul style="list-style-type: none"> <li>• Make a start on some recommended reading</li> <li>• <a href="#">Sixth Form Reading List.doc</a></li> </ul>	<a href="http://www.stories.audible.com/st-art-listen">www.stories.audible.com/st-art-listen</a>
History	<ul style="list-style-type: none"> <li>• In Our Time</li> <li>• Great Lives</li> <li>• Make a documentary about the History of Easter</li> </ul>	BBC Sounds - <a href="https://www.bbc.co.uk/programmes/b006qykl/episodes/player">https://www.bbc.co.uk/programmes/b006qykl/episodes/player</a>  <a href="http://blog.english-heritage.org.uk/saxon-easter-customs-survived/?_ga=2.26434745.">http://blog.english-heritage.org.uk/saxon-easter-customs-survived/?_ga=2.26434745.</a>

		<a href="https://www.history.com/topics/holidays/history-of-easter">545103988.1585040932-442524280.1585040932</a>  <a href="https://www.history.com/topics/holidays/history-of-easter">https://www.history.com/topics/holidays/history-of-easter</a>
IT	<ul style="list-style-type: none"> <li>Interested in Coding? Try this online course</li> </ul>	<a href="https://www.classcentral.com/course/opensap-code-week-teens-get-coding-4157">https://www.classcentral.com/course/opensap-code-week-teens-get-coding-4157</a>
Maths	<ul style="list-style-type: none"> <li><i>Infinite Powers: How Calculus Reveals the Secrets of the Universe</i> by <a href="#">Steven Strogatz</a></li> <li><i>The Beginning of Infinity</i> by David Deutsch</li> <li>Consolidation and Extension Workbook available in due course via Google Classroom</li> </ul>	<a href="https://amzn.to/2wnqCFD">https://amzn.to/2wnqCFD</a>

Alongside the options listed by Academic Departments there are plenty of other tasks pupils could be using their free time and time over the holidays to complete. These types of tasks offer pupils the opportunity to extend their knowledge and understanding of a subject of their choice outside of the constraints of a syllabus and in their own time. Great as a starting point on a Personal Statement or to add to a developing CV.

### **Self-Directed Study and Research**

**Unifrog** – Each pupil in the Sixth Form at Haileybury has a personal ID giving them access to Unifrog. Unifrog is an online platform which sorts and stores the most up to date information about HE opportunities. This includes information on UCAS, the National Apprenticeships Service, The National Careers Service, Unistats, HESA, The Guardian, HEPI, the Cabinet Office, the Office for National Statistics, the Commission for Employment and Skills, the Department for Business Innovation and Skills, Ofsted, every UK university, UK university alumni, FutureLearn, Coursera, Udacity, every college at Oxford and Cambridge, and QS. All Unifrog data is current and reliable - for example, apprenticeships vacancies are updated every night. [www.unifrog.org](http://www.unifrog.org)

**Coursera** – Learn from leading universities and companies. Start streaming on-demand video lectures today from top instructors in subjects like [business](#), [computer science](#), [data science](#), [language learning](#), & more.

[www.coursera.org](http://www.coursera.org)

**Future Learn** - Explore online courses to continue studying, build professional skills, and connect with experts. Lots of free online education resources created by a variety of top universities and HE institutions for pupils to explore at their leisure. Sign up for free to gain access to an array of courses. A fantastic way for pupils to develop their CV and excellent chance to include independent study beyond the syllabus in a personal statement. [www.futurelearn.com](http://www.futurelearn.com)

**MOOC** - Massive Open Online Courses (MOOCs) are free online courses available for anyone to enroll. MOOCs provide an affordable and flexible way to learn new skills and deliver quality educational experiences at scale.

Millions of people around the world use MOOCs to learn for a variety of reasons, including: career development, changing careers, college preparations, supplemental learning, lifelong learning, corporate eLearning & training, and more. Again, a fantastic opportunity for pupils to demonstrate their interest and commitment to learning outside of the classroom when they are tasked with writing their CV or Personal Statement. [www.edx.com](http://www.edx.com)

**Audible** - For as long as schools are closed, Audible are open. Starting today, pupils everywhere can instantly stream an incredible collection of stories, including titles across six different languages, that will help them continue dreaming and learning. All stories are free to stream on your desktop, laptop, phone or tablet. Explore the collection, select a title and start listening. [www.stories.audible.com/start-listen](http://www.stories.audible.com/start-listen)

**Duolingo** - There are numerous apps available which can help you to learn a new, or improve an existing, language. 'Duolingo' is a popular one and helps you to master the reading, writing and speaking elements of your chosen language, it's fun too!

**CV** - All pupils should spend this time creating and crafting their CV if they have not done this already. Templates and the Presentation delivered by Mr Walker last term are provided [here](#)

**CP Application Statement** - Over Easter L6th pupils will be invited to apply to become a College Prefect when they enter the U6th year. Part of the application process involves pupils writing a Personal Statement highlighting their suitability for the role and their current experiences with leadership. The statement should be no longer than 250 words. This will be submitted as part of their online application, details of which will be sent out in due course.

**First draft of the UCAS Personal Statement** - Pupils could use this time to create a first draft of their Personal Statement for the UCAS Application. The website has some excellent advice and guidance to follow [here](#)

**Overseas Applications Google Classroom** - There are lots of resources available to pupils who are interested in studying abroad to be found on Mrs Wright's Google Classroom (Code - clggqmi) This

includes useful materials on SATs, Podcasts about the Admissions Process, Information on Common App, Essay Guidance and much more!

### **Writing Competitions and Essay Prizes**

Entering an external competition is a great way for pupils to develop their own writing style as well as demonstrate a keen interest in a subject area of their choice. It also shows that a pupil has the ability (and gumption) to think and act independently, a trait Universities continuously say is lacking in their cohorts!

### **Creative Writing Competitions**

#### Aurora Prize for Writing 2020

The Aurora Prize for Writing is a national competition run by Writing East Midlands, in partnership with the Society of Authors. The prize was first awarded in 2016 and seeks outstanding new writing in short fiction (of up to 2,000 words) and poetry (of up to 60 lines). With its heart firmly in the East Midlands, there are also prizes for the best writing from the region, in both categories.

The prize will open for entries on Monday 30th March 2020 and the deadline for entries will be Monday 8th June 2020 at midnight. [www.writingeastmidlands.co.uk/aurora-prize-for-writing-2020/](http://www.writingeastmidlands.co.uk/aurora-prize-for-writing-2020/)

#### Canterbury Festival's Poet of the Year Competition 2020

Open until 15 June 2020. Submit poems on any subject and in any form but no more than 60 lines long. Judges: Luigi Marchini, Chair of SaveAS Writers, Gary Studley, Chair of Dead Hoarse Writers, and Mara Adamitz Scrupe, Poet of the Year 2019. Prizes: £200, £100, £50. Approximately 35 poems will appear in an anthology. Following this a shortlist of poets will be invited to read their poems at this year's awards evening in October. [www.canterburyfestival.co.uk/poet-of-the-year-competition-2020/](http://www.canterburyfestival.co.uk/poet-of-the-year-competition-2020/)

#### Wells Festival of Literature International Competitions

International Competitions will open on 1 April 2020, closing at midnight on 30 June 2020. [www.wellsfestivalofliterature.org.uk/competitions#2020-competitions](http://www.wellsfestivalofliterature.org.uk/competitions#2020-competitions)

Pupils have access to plenty more Creative Writing competition opportunities at [creativewritingink.co.uk/writing-competitions/](http://creativewritingink.co.uk/writing-competitions/). This is also a good source of Creative Writing resources.

### **Academic Essay Prizes and Competitions**

Peterhouse Essay Prizes (Science and English)

Peterhouse's Kelvin Science Prize and Thomas Campion English Prize. The competition opens for Year 12 students in February. This year's questions are now published for the Campion and Kelvin Prizes. All essays should be no more than 2,000 words, incl. footnotes and appendices, and should be submitted as PDFs. The deadline is 16:00 GMT Monday 20th April 2020 and the deadline for teacher approval is 16:00 GMT Monday 27th April 2020. [www.pet.cam.ac.uk/essay-prizes](http://www.pet.cam.ac.uk/essay-prizes)

#### The Oxford Scientist (Science)

The Trinity Term 2020 Schools' Writing Competition is open! It is on the theme: '*A scientific discovery, invention or advance that still affects the world today*'. For a chance to win a prize and have your piece published in *The Oxford Scientist*, send in your thoughts as a 700-word essay by Friday 1st May. Open to all UK school students in Years 10 to 13. Submissions to be made via a google doc at the link: <https://forms.gle/RTCh6GFHhSVVEoDQA> For further information email [competition@oxsci.org](mailto:competition@oxsci.org).

#### Hertford College – The Unsung Heroes of Science (Science)

The competition is open to anyone in the UK aged 16-18. You must enter in teams of two or three. As we'll be looking for engaging content and brilliant ideas – rather than professional video editing skills – you don't need any fancy equipment to take part. If you want to film and edit the videos on your phone that's absolutely fine. Download the terms and conditions below for more details and submit your entry form here: [www.hertford.ox.ac.uk/unsungscience](http://www.hertford.ox.ac.uk/unsungscience)

#### The Biochemical Society – Science Communication Prize (Science)

Each year the Biochemical Society has looked to identify and celebrate outstanding science communicators with an annual Science Communication Competition. In 2020, to mark the 10th anniversary of this scheme, the Biochemical Society is inaugurating the Biochemical Society Science Communication Prize. This is open in two categories – one for post-16 students (i.e. Key Stage 5) and another for higher education students (i.e. undergraduate and postgraduate) – and is your opportunity to showcase your SciComm talents.

Entries can be submitted as a written piece of no more than 1,500 words or in a media format (e.g. video or audio) 2-5 minutes long; written and video. Entries must be bioscience themed and aimed at the general public.

The winning entries will be published in the Society's magazine, [The Biochemist](#), and on the Society's website. [www.biochemistry.org/education/science-communication-prize/](http://www.biochemistry.org/education/science-communication-prize/)

#### John Locke Institute Essay Competition – 2020 (Philosophy, Politics, Economics, History, Psychology, Theology and Law)

Deadline for submissions is Wednesday, 15 July 2020 at midnight.

The John Locke Institute encourages young people to cultivate the characteristics that turn good students into great writers: independent thought, depth of knowledge, clear reasoning, critical analysis and persuasive style. Our Essay Competition invites students to explore a wide range of

challenging and interesting questions beyond the confines of the school curriculum. Entering an essay in our competition can build knowledge, and refine skills of argumentation. It also gives students the chance to have their work assessed by experts. All of our essay prizes are judged by senior academics from the University of Oxford. The judges will choose their favourite essay from each subject category and an overall 'best essay' across seven subjects: Philosophy, Politics, Economics, History, Psychology, Theology and Law. [www.johnlockeinstitute.com/essay-competition](http://www.johnlockeinstitute.com/essay-competition)

#### Young Economist of the Year 2020 competition in association with the Financial Times (Economics)

The Royal Economic Society's Young Economist of the Year Essay Competition is now open. In partnership with the Financial Times, the RES is inviting Year 12 and 13 A-Level students to submit a 1500-word essay on one of five titles to be in with a chance of winning £1,000 and have their essay published in the FT. The deadline is 27 July. [www.res.org.uk/education/young-economist-of-the-year.html](http://www.res.org.uk/education/young-economist-of-the-year.html)

#### Oxford German Olympiad 2020: The White Rose Project Writing Competition Guidelines (MFL)

Find out about the White Rose resistance group (die Weiße Rose) and write an essay in German (max. 350 words): „Was können wir heute noch von der Weißen Rose lernen?“

There will be one prize. The competition is open to pupils in years 12 and 13 (or equivalent) at school in the UK or Ireland. The judges will take account of linguistic accuracy, stylistic sophistication and – where appropriate – factual accuracy of the submission. The decision of the judges will be final and no correspondence will be entered into. The winner will be awarded a cash (bank transfer) prize of £100 and invited to a prize-giving ceremony at the Bodleian Library, University of Oxford, in June 2020. The winning essay will also be featured on the [White Rose Project website](http://www.whiteroseproject.org/tag/competition/). The closing date for submissions is 12 noon, Friday, 24 April 2020 [www.whiteroseproject.org/tag/competition/](http://www.whiteroseproject.org/tag/competition/)

#### Fitzwilliam College Cambridge Essay Competition (Variety)

Each year, Fitzwilliam College runs essay competitions for Year 12 students in a variety of subjects, allowing talented students to explore their interests beyond the school curriculum. The University of Cambridge seeks out students with a passion for their subject; those who have investigated it outside the classroom. Our essay competitions provide students with an opportunity to engage with their interests in this way, allowing them to demonstrate their enthusiasm for their subject. [www.fitz.cam.ac.uk/study-us/undergraduate/opportunities-prospective-applicants/essay-competitions](http://www.fitz.cam.ac.uk/study-us/undergraduate/opportunities-prospective-applicants/essay-competitions)

#### Dukes Education Essay Prize (Variety)

The Dukes Essay Prize 2020 is now open for submissions. The deadline for submissions is 4pm, 1st June 2020. Our Essay Prize is a nationwide scheme that encourages academic exploration, creativity, and lateral thinking in students in Yrs 11-12. Inspired by the famous past entrance exam

for fellows at All Souls College, Oxford, students write an essay in response to a one-word title. The Prize rewards creativity, lateral approaches, and engagement with a subject beyond the curriculum. [www.dukeseducation.com/essay-prize/](http://www.dukeseducation.com/essay-prize/)

### **Interesting Articles and Documentaries**

A few suggestions of articles pupils may find interesting are listed below but we encourage every pupil to be reading the News daily as well as doing their own independent research into topics relevant to their field of interest. Pupils should record brief details of any extra reading they do in their Learning Journal as they may want to use or reference a particular article in their Personal Statement or equivalent applications.

- On the Thai Cave Rescue and the process behind it: <https://www.macleans.ca/thai-cave-rescue-heroes/?src=longreads>
- 'Will You Sprint, Stroll or Stumble into a Career?' <https://www.nytimes.com/2016/04/10/education/edlife/will-you-sprint-stroll-or-stumble-into-a-career.html>
- Is Social Media a Creator or Destroyer? <https://www.nytimes.com/2016/02/03/opinion/social-media-destroyer-or-creator.html>
- Chernobyl - The End of a Three Decade Experiment? - <https://www.bbc.co.uk/news/science-environment-47227767>
- The Story of Tunnel 29 - [https://www.bbc.co.uk/news/extra/Od4dL9Lip2/tunnel\\_29](https://www.bbc.co.uk/news/extra/Od4dL9Lip2/tunnel_29)

### **Documentaries**

Watching the right documentaries is a great way for pupils to engage with current affairs and consider how and why they might form their own opinions on certain aspects of the world in which we live. A few suggestions are made below as a starting point but there are thousands out there for pupils to choose from!

- A short documentary about The High Fives foundation who help injured skiers get back into ski-ing <https://youtu.be/8HYPr34mo-w>
- 'Lost and Found' - LOST AND FOUND follows Kamal Hussein, a Rohingya refugee who has dedicated his life to reuniting children with their parents in the world's largest refugee camp. [https://youtu.be/\\_hspKngQ-3E](https://youtu.be/_hspKngQ-3E)
- BBCiPlayer currently lists all of [Louis Theroux's Series'](#) which are hard hitting and controversial but brilliant.
- *VOX EXPLAINERS* - We live in a world of too much information and too little context. Too much noise and too little insight. That's where Vox's explainers come in <https://www.vox.com/explainers/archives>

### **TED Talks and Podcasts**

As with the documentaries referenced above, there are a huge number out there to watch! A good example to get pupils started is given below but they might also like to try the following:

- Find a TED talk on a topic that really interests them.
- Watch the talk and then make a note of the following: one **new** thing that they learnt, one thing that **surprised them** and one thing that they would like to **find out more about**. Pupils could then do some more of their own research too.
- Pupils could then post this information onto the Google Classroom to encourage others to watch the TED talk and contribute their thoughts and ideas

The History of the World in 18 minutes

[https://www.ted.com/talks/david\\_christian\\_the\\_history\\_of\\_our\\_world\\_in\\_18\\_minutes?utm\\_campaign=tedsread&utm\\_medium=referral&utm\\_source=tedcomshare](https://www.ted.com/talks/david_christian_the_history_of_our_world_in_18_minutes?utm_campaign=tedsread&utm_medium=referral&utm_source=tedcomshare)

### Podcasts

Again - there are so many out there for pupils to explore. A few teacher suggestions are listed below but pupils should spend some time trying out anything they think might be of interest!

- **Freakonomics** - Discover the hidden side of everything with Stephen J. Dubner, co-author of the *Freakonomics* books. Each week, *Freakonomics Radio* tells you things you always thought you knew (but didn't) and things you never thought you wanted to know (but do) — from the economics of sleep to how to become great at just about anything. Dubner speaks with Nobel laureates and provocateurs, intellectuals and entrepreneurs, and various other underachievers. Special features include series like “The Secret Life of a C.E.O.” as well as a live game show, “Tell Me Something I Don't Know.” All archived at [Freakonomics.com](http://Freakonomics.com)
- **The Daily - The New York Times**. This is what the news should sound like. The biggest stories of our time, told by the best journalists in the world. Hosted by Michael Barbaro. Twenty minutes a day, five days a week, ready by 6 a.m. All archived at [nytimes.com](http://nytimes.com)
- **No such thing as a Fish**. QI Elves Dan, James, Anna and Andy discuss their favourite facts unearthed that week. These can be found at [nosuchthingasafish.com](http://nosuchthingasafish.com)
- **Revisionist History** - Welcome to *Revisionist History*, a podcast from Malcolm Gladwell and Pushkin Industries. Each week for 10 weeks, *Revisionist History* will go back and reinterpret something from the past: an event, a person, an idea. Something overlooked. Something misunderstood. All archived podcasts can be found at [revisionisthistory.com](http://revisionisthistory.com)
- **TED Podcasts** - Want TED Talks on the go? Every weekday, this feed brings you our latest talks in audio format. Hear thought-provoking ideas on every subject imaginable -- from Artificial Intelligence to Zoology, and everything in between -- given by the world's leading thinkers and doers. This collection of talks, given at TED and TEDx conferences around the globe, is also available in video format.
- **Stuff you should know** - *Stuff You Should Know* is just that: stuff everybody should know, served up by Josh and Chuck in the most entertaining fashion. Recent topics? Satanism, the Iowa caucuses, LSD, chaos theory, Rosa Parks, and true crime.
- **Stuff you missed in History Class** - Little-known history comes alive three times a week in this fascinating, comprehensive podcast from the people at HowStuffWorks. You don't need to be a history buff to get hooked, but if you're not, you might become one after a few episodes. With a focus on weird events, overlooked stories, and underrepresented groups, this popular series is educational, too.



- **Stephen Fry's Seven Deadly Sins - Stephen Fry's 7 Deadly Sins** - I will take each one of the Seven Sins in turn, lay them out on the surgical table and poke, prod, pry and provoke in an attempt to try to anatomise and understand them; I hope and believe it will be, if nothing else, delicious fun and something of a change from the usual run of podcastery.