# Careers Connections

# Super Curricular Activities

Wondering how you can explore your subject or area of interest beyond the curriculum this summer? This isn't an exhaustive list and doesn't include all subjects but will hopefully provide a starting point for the most popular choices.

#### Law

- Read The Secret Barrister a Sunday Times best-selling book providing an insight into the real life of a practising junior barrister OR The Rule of Law by Tom Bingham
- Listen to Law in Action or the new Law Show BBC legal magazine programmes featuring reports and discussion on matters relating to law. <u>Find it here</u>
- Watch a TED talk there are a wide variety of talks online, follow the link and find a topic you feel passionately about. <u>TED Talks</u>

#### Medicine

- Read a scientific journal such as New Scientist, Biological Sciences Review or the BMJ.
- Listen to RSM Health Matters a series of podcasts focusing on the latest topics in healthcare. <u>Find it</u> <u>here</u>
- **Take part Observe GP** a free interactive video platform providing insights into the role of a GP and the wider primary care team. <u>Find it here</u>

#### Engineering

- Visit I want to be an Engineer a site developed by the Engineering department at Cambridge University – You can work on 211 problems designed to reflect some of the challenges in university engineering admissions interviews. <u>Find it here</u>
- Listen to In our time a BBC podcast exploring scientific principles, theory and the role of key figures in the advancement of science. <u>Find it here</u>
- Watch a TED talk New Engineer have created a list of five TED talks all engineers should watch. <u>Find it</u> <u>here</u>

#### Maths & Computing

- Read Plus Magazine an online magazine which aims to introduce readers to the beauty and the practical applications of maths. <u>Find it here</u>
- Listen to The Secret of Mathematics a series of talks and lectures from Oxford Mathematicians exploring the power and beauty of their subject. <u>Find it here</u>
- Watch some mathematical enrichment videos from a variety interesting YouTubers <u>Find it here</u> History & Politics
- Complete a course with Future Learn Uncover archaeology and explore important events from ancient to modern times with online history courses from leading universities and cultural institutions. <u>Find it</u> <u>here</u>
- Listen to History Extra Podcast a series featuring interviews with notable historians on topics spanning ancient history through to recent events. <u>Find it here</u>
- Watch Gresham Lecture a diverse collection of lectures on aspects of history you may not previously have considered <u>Find it here</u>

#### Chemistry

- Read Chemical Science the flagship journal of the Royal Society of Chemistry. <u>Find it here</u>
- Take part in the Chemistry Olympiad Teachers will let you know when the competition takes place but there is material available to help you prepare.
   <u>Find out more</u>
- Watch a TED talk a wide variety of talks are available on Chemistry related topics. TED Talks

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#### Geography

- **Read Eruptions that shook the world (Oppenheimer)** What does it take for a volcanic eruption to really shake the world?
- Write an essay for the Royal Geographical Society competition "Drawing on information from your daily life, what sustainability action points would you prioritise?" <u>Find it here</u>
- Listen to a TED talk Geographical's monthly podcast takes subjects from the magazine and delves further, including interviews with authors, experts, scientists and journalists. <u>Find it here</u>

#### RS & Philosophy

- **Complete a course with Future Learn** Explore the relationship between religions and governments and learn how religions have come to be governed across the world. <u>Find it here</u>
- Listen to In our time the BBC's Philosophy podcast from Altruism to Wittgenstein, philosophers, theories and key themes. <u>Find it here</u>
- Watch Gresham Lecture a diverse collection of lectures on a wide variety of religious topics <u>Find it</u> <u>here</u>

### English & Classics

- **Read** Classics: A Very Short Introduction by Mary Beard and John Henderson
- Listen to Oxford University Faculty of Classics Podcast a collection of podcasts covering a variety of topics <u>Find it here</u>
- Visit The British Museum with over eight million objects, the British Museum is a unique place, bringing together under one roof the cultures of the world, spanning continents and oceans.

#### Economics & Business

- **Read The Economist** an international weekly newspaper that focuses on current affairs, international business, politics and technology.
- Enter the Royal Economic Society's Young Economist competition a choice of titles are available and entries close on the 12th July. <u>Find it here</u>
- Listen to Radio 5's Wake up to Money podcast news and views on business and the world of personal finance. Plus the very latest from the financial markets around the globe. <u>Find it here</u> Biology
- Read The Biologist the flagship journal of the Royal Society of Biology. Find it here
- Watch a collection of videos from Nature discover a world of research from leaky pipes to quantum biology. <u>Find it here</u>
- Listen to BBC Radio 4's Infinite Monkey Cage a witty, irreverent look at the world through scientists' eyes. <u>Find it here</u>

#### Geology

- **Read The Goldilocks Planet (Zalasiewicz)** The Four Billion Year Story of Earth's Climate
- Visit the Lapworth Museum of Geology located at the University of Birmingham the museum enables visitors to explore life over the past 3.5 billion years <u>Find it here</u>
- Listen to the Geological Society podcast featuring geoscientists speaking about their latest discoveries.
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#### Art

- Visit an Art gallery visit galleries showing a variety of artistic periods and genres and record your responses to the art you see.
- Listen to a podcast the Tate podcast; a series of podcasts exploring diverse subjects such as 'The Art
  of Hip Hop' and 'Where does inspiration come from' <u>Find it here</u>
- Explore with Google a collection of tools and resources to help you explore the world of arts and culture. <u>Find it here</u>

### Physics

- Read Things we don't know An online magazine that attempts to explain the questions scientists are trying to answer. <u>Find it here</u>
- Explore CERN a wide range of resources are available from CERN and they are free to discover. <u>Find it</u> <u>here</u>
- Visit an Observatory Jodrell Bank is nearby and makes a great day out. <u>Find out more</u> Music
- Attend a concert Explore an artist, performer or genre you would never normal consider and record your thoughts in a blog.
- Watch Gresham Lecture a diverse collection of lectures on a wide variety of musical topics. <u>Find it</u> <u>here</u>
- Listen to BBC Three's Composer of the week a guide to composers and their music. Find it here

## Modern Languages

- **Read a newspaper in a foreign language** this will not only help your reading but will also improve your knowledge and understanding of that country. <u>For example</u>
- Watch films or TV shows in your chosen language
- Combine a love of music with languages learn languages through music now on your phone <u>Find it</u> <u>here</u>

## Psychology

- Watch 'The Criminal Mind: The relationships between criminology and psychology' A discussion of how the study of psychology and psychiatry relates to the study of criminology. <u>Find it here</u>
- Listen to BBC Four's All in the Mind a programme exploring the limits and potential of the human mind. <u>Find it here</u>
- Read 'The Myth of Repressed Memory: False memories and Allegations of Sexual Abuse' (E. Loftus, 2000)
   These are suggestions for popular subjects. Pupils can ask their subject teachers for popular subjects.
  - These are suggestions for popular subjects. Pupils can ask their subject teachers for suggestions and they can also find extensive reading lists on university websites. Many universities encourage potential students to contact admissions tutors for more suggestions.

Oxbridge tutors say they are impressed by pupils who have gone beyond their suggested reading lists and cite examples of super-curricular tools they have discovered for themselves.