



Dear Students (and Parents/Carers),

Welcome to the Academic Enrichment Newsletter for the Autumn Break!

There are so many opportunities for our students to continue to nurture their intellectual curiosity and independent learning!

For ease of navigation and to avoid repetition, and as most institutions are now offering a mix of both in-person and online events, the Newsletter is divided into three sections:

- (a) [Events and Exhibitions](#) organised by Institutions such as Museums and Academic Bodies – in-person events and online events will be clearly signposted.
- (b) [Websites to explore](#)
- (c) [The Competition Corner](#)

The Academic Enrichment Newsletter is part of the work of the Academic Enrichment Programme (AEP) at King Alfred's, and its aim is to share with the whole school some of the various opportunities on offer in our immediate locality that students can pursue independently. We would like to develop an ever-stronger partnership with our parents in promoting the intellectual development and curiosity of all our students.

Pam Stokell

Head of Academic Enrichment

Dates for your Diary

AEP Open Talk: "Deepfakes and AI in Film and Media: Seeing is not Believing" with Dr Dominic Lees of the University of Reading

Wednesday 27th November 2024, 6:00 – 7:15pm

Can you believe anything that you see online anymore? AI technology is increasingly widely used in film and television..

In this talk, Dr Lees will trace the development of 'generative AI' and discuss its potential cultural and social impacts as it becomes part of everyday life. He will explore the newest ways in which AI is used to generate images, video and voices, from online content to big-budget Hollywood movies. He will also discuss the disruptive nature of AI for audiences, its damaging effect on public trust, and the implications of deepfakes for democracy.



AEP Open Talk: "How to decorate a Roman House – lessons from Pompeii" with Dr Alison Pollard of the University of Oxford

Wednesday 11th December 2024, 6:30 – 7:45pm

The Sixth Form Auditorium, King Alfred's

Pompeii, the Roman city frozen in time after the catastrophic eruption of Vesuvius, continues to fascinate archaeologists, classicists, anthropologists and historians alike, as well as the general public. Dr Pollard has one foot firmly in the Classics Dept and the other in Archaeology. Through this talk, she hopes to show you just how deeply intertwined the two disciplines are, and how much we can learn about everyday life from the remains of that fateful day.

Both talks are FREE to our students and their parents and carers. You can reserve your seats at

Deepfakes Talk: <https://forms.office.com/e/rzJJm3zx4>.

Pompeii Talk: <https://forms.office.com/e/T9cv745CXC>

Both talks will take place in the Sixth Form Auditorium.

There will be no physical tickets: we will operate a tick-list register at the door.

You can also book seats by emailing AEPAdmin@kas.cambrianlt.org



IF – The Oxford Science and Ideas Festival 2024

6th October – 3rd November, 2024

There are over 100 events – talks, workshops, performances, exhibitions – for you to enjoy over the half term break. Some

of them require a small entry fee, and many others are free, so do take a look at the programme and head into Oxford for a day of intellectual fun. Find out more at: [Oxford science and ideas Festival: 100 events in October - IF Oxford](#)

A few highlights to whet your appetite:

Heritage Languages and Endangered Languages

Friday 25th October, 5:30pm

When we lose a language, we risk losing a trove of community and cultural knowledge. Many of the world's 7,000 languages are in danger of disappearing entirely.

Free, but ticket sales end soon!

[Heritage languages and endangered languages - IF Oxford](#)



Geology in a Cemetery near you

Sunday 27th October, 11:00am at Headington Cemetery, Oxford

For geologists – amateur, student, professional or casual – almost any cemetery provides opportunity for scientific fieldwork at leisure, right on the doorstep and at no cost. Join a guided geological walk through an Oxford cemetery. You'll never look at cemeteries in the same way again. For ages 14+

[Geology in a cemetery near you - IF Oxford](#)



The Universal History of Us

Monday 28th October, 6:00pm

Join Tim Coulson for a 13.8 billion year tale from the Big Bang to you. Covering physics, astronomy, chemistry, and geology, and the emergence of life, evolution, consciousness and the rise of humankind, explore the science behind how we got here, as featured in Tim's new book.

[The Universal History of Us - IF Oxford](#)



Language Café

Wednesday 30th October, 6:00pm

Bonjour! Guten Tag! Merhaba!

Share stories and swap languages from around the world. This session is friendly and informal, with most of the learning happening through speaking and listening. Everyone is welcome, whether you have a native language to share, are a professional linguist, or you are just starting to learn about a new language or culture. For ages 16+ [Language Café - IF Oxford](#)



Robot Racing

Sunday 3rd November, 11:00am

A day at the races! Cheer for your favourite robotic dogs as they race along the historic Iffley Road Racetrack. Explore robotics, remote control, and automation with a menagerie of machines to try out for yourself. Discover how robots are used in science and industry, and how they help power the future with fusion energy.

[Robot Racing - IF Oxford](#)





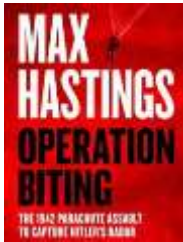
The Wantage Literary Festival

Monday 28th October – Saturday 9th November, 2024

Once again, the Wantage Literary Festival will be running over two weeks this Autumn, starting on the Monday of our Half Term Break. There is a great range of talks and events, and you are bound to find

something of interest if you check out their programme of events at: [Wantage Literary Festival | Wantage Oxfordshire](#)

Here are a few highlights for you to consider, but there is a great deal more!

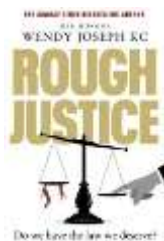


Operation Biting, with Sir Max Hastings

Thursday 31st October, 12 noon

Sir Max Hastings will be discussing his latest book titled "Operation Biting," which delves into one of the most riveting British commando missions of World War II, arguably the most triumphant.

[Thursday 31 October](#)

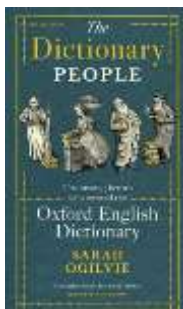


Rough Justice, with Wendy Joseph KC

Thursday 31st October, 4pm

Her Honour Wendy Joseph KC examines four gripping trials she presided over, and excavates matching historical cases of murder and intrigue to lift the lid on the criminal legal system and probe whether it has improved over time.

[Thursday 31 October](#)



The Dictionary People, with Sarah Ogilvie

Friday 1st November, 4pm

The Oxford English Dictionary (OED) has a rich history, often linked with prestigious institutions and Victorian-era men. James Murray, the dictionary's longest-serving editor, dedicated 36 years of his life to the project, reaching as far as the letter T. However, the dictionary was not solely the work of experts; it was a collective effort involving public contributions

[Friday 1 November](#)



How the Rose got its Thorns, with Dr Andrew Ormerod

Saturday 2nd November 2024, 12 noon

Have you ever wondered why roses have thorns while other flowers do not, or why daffodils are the colour they are, or why some plants have glossy leaves while others have a matte finish? "The Secret Behind the Thorns of a Rose" reveals the mysteries of our beloved flora.

[Saturday 2 November](#)



Unseen Universe, with Dr Caroline Harper

Saturday 2nd November 2024, 4pm

Experience the universe in a way you've never imagined. Dr. Caroline Harper will help us learn how the breathtaking images from the Webb telescope are revolutionizing our comprehension of our solar system and beyond. From the majestic dust cliffs of the Carina Nebula to Jupiter shimmering like a radiant disco ball in the sky, these mesmerizing new images have sparked the curiosity of millions worldwide.

[Saturday 2 November](#)

In person and/or Livestreamed) from Museums and other Academic Bodies



Yes, the Royal Institution was set up for the dissemination of scientific ideas, but they are careful to appeal to a very broad

range of interests, and their talks are an excellent place to start looking out for those priceless links between subjects that make learning so exciting. (And which will make you stand out from the crowd if you choose to apply to a top-level university.)



The Royal Institution YouTube Channel holds an archive of their lectures (about an hour long each), but if you are running short of time, you can also find a series of “Ri Shorts” at [\(181\) Ri Shorts - YouTube](#) which are short video talks about 10 minutes long,

And there is also the Royal Institution Animations selection at [\(181\) Ri Animations - YouTube](#) which are typically 5 minutes or less.



And below you will find this term’s recommended selection of three of the longer talks: I came across the series of Christmas lectures for young people given by Sir David Attenborough back in 1973 – over 50 years ago. If you enjoy these three, head over to the youtube channel as there are two more in the series!



Recorded Talk: The Languages of Animals – Animal and Human Languages

[\(240\) Animal and human languages - David Attenborough's 1973 Christmas Lectures 5/5 - YouTube](#)



Recorded Talk: The languages of animals - Foreign Languages?

[The languages of animals: foreign languages - David Attenborough's 1973 Christmas Lectures 4/5 \(youtube.com\)](#)



Recorded Talk: The languages of animals – parents and children

[The languages of animals: Parents and children - David Attenborough's 1973 Christmas Lectures 3/5 \(youtube.com\)](#)

And did you know – the Ri has a Podcast!

Ri Science Podcast



Most of those amazing talks which you can watch anytime on the Ri’s Youtube channel are also available as podcasts, so you can listen in wherever you are. The link below will take you to the great talk by Lucy Cooke, who will take you on a journey through an array of different animal examples as she explores evolution: [Podcast: How did females evolve? - with Lucy Cooke | Royal Institution \(rigb.org\)](#) And there is lots more at: [Browse our science online | Royal Institution \(rigb.org\)](#)

The Linnean Society Online Talks

The Linnean Society of London is the world's oldest active biological society, dating back to 1788. It has a wide and varied programme of talks, and you can also arrange to visit their library at Burlington House, London.

[The Linnean Society | Communicating Nature Since 1788](#)



FREE Online talks from the Linnean Society

Many of the talks from the Linnean Society are recorded and available through their youtube channel: [\(3\) Linnean Society - YouTube](#). Below are some recommendations to whet your appetite and hopefully prompt you to look for other talks!

[Molds, Mushrooms, and Medicines: Our Lifelong Relationship with Fungi | Nicholas Money \(youtube.com\)](#)

[President's Lecture | Artificial Intelligence Meets the Natural World \(youtube.com\)](#)

[The Voices of Nature : How and Why Animals Communicate | Nicolas Mathevon \(youtube.com\)](#)

Sixth Formers, if you have a study period during the day, it might be worth checking whether you can catch one of their lunch-time talks. Check out the events page online at: [Upcoming Events | The Linnean Society](#)

The London Mathematical Society



The London Mathematical Society runs a series of talks - the LMS Popular Lectures - which are free public lectures that present exciting topics in mathematics and its applications to a wide audience. They are for anyone with an interest in mathematics, including those without high-level maths training.

There is a real treasury of past talks to be found at [the LMS YouTube channel](#) - click 'subscribe' to be alerted when new videos are added. You can watch previous LMS Popular Lectures [here](#).



The Oxford Martin School – Finding solutions to the world's most urgent challenges

The University of Oxford boasts that there is no research organisation in the world that is quite like the [Oxford Martin School](#) in that it brings researchers from across all disciplines to work together on finding solutions to some of the world's most pressing challenges.

As part of sharing their work, they have a series of talks – a mixture of in-person and online – most of which are free and open to all. It's worth keeping an eye on their [events](#) page, and also to go browsing through their archive of past talks at: [Past Events | Oxford Martin School](#). You will find something here that is relevant to almost any academic interest. Well worth scanning through if you are doing/considering an EPQ on a topic that involves a threat to the world or to society.



The Royal Society – dedicated to promoting excellence in science for the benefit of humanity

The Royal Society is a Fellowship of the world's most eminent scientists and is the oldest scientific academy in continuous existence.

Like many such institutions, they have a freely accessible Youtube channel, which is well worth browsing through, even if you think that “science isn’t your thing”!

Their channels includes most of their past lectures. Recommended for this Bulletin is the

Ferrier by Daniel Walpert of the Zuckerman Mind Brain Behaviour Institute on “Everything in Motion: How our brains learn to control our Bodies”

And if you are short of time, the [youtube channel](#) also includes many 6-10 minute videos explaining some of the Big Ideas in science, as well as the series “New Science in less than 15 minutes”.



Events from the Rutherford Appleton Labs

BLAST!

Monday 28 October, 11:00-17:00

In collaboration with IF Oxford, this is a family hands-on event – exploring everything from space to fusion energy and propulsion power!

You can find more information, about BLAST and IF Oxford’s other events, online: <https://if-oxford.com/event/blast/>

The Barn (Oxford, OX4 7BU)



Dark Matter Day: Happy Halloween!

Thursday 31 October, 10:30, online

We are celebrating Dark Matter Day, and Halloween, with a family-friendly virtual visit to the Boulby Underground Laboratory. We’ll be going live to the Boulby team who work 1,100 metres underground to support the search for the missing mass of the Universe – the elusive Dark Matter.

We’ll also be using our imagination, like all good scientists, to make our very own Dark Matter Masks, so we can celebrate Halloween in style!

You can find more information, and book places, on our webpage:

<https://darkmatterday2024.eventbrite.co.uk>

Chalke Talks Live: Winston Churchill 150th Anniversary, with Andrew Roberts



Thursday 14th November, 7:00 – 8:00pm

Winston Churchill towers over twentieth-century British history. By the time of his death at the age of 90 in 1965, many thought him to be the greatest man in the world. Today, his reputation is more controversial. In celebration of the 150th anniversary of Churchill’s birth on 30 November, his biographer Andrew Roberts, in conversation with Peter Caddick-Adams, will discuss Churchill, his life, his virtues and his faults to provide an intimate portrait of this fascinating yet complex figure. With information drawn from over forty new sources, including the private diaries of King George VI, used in no previous Churchill biography, be prepared for a totally unique event.

To mark Churchill’s 150th anniversary, a signed and numbered limited edition of Andrew Roberts’s acclaimed biography, *Churchill: Walking With*

Destiny, can be purchased via the [Eventbrite link below](#) (postage to UK addresses only).

The conversation will be followed by a live Q & A. The talk is free for members. £5 for non-

members. [Chalke Talks Live - Chalke History Festival](#)

There are some fabulous museums almost on our doorstep – why not take a look around the University Museums of Oxford?

We are lucky to have some world-class museums just a short bus ride away. However, do check on their websites as many of the exhibitions still require you to book a timed ticket in order to reduce congestion in the galleries.

Take a look at:

[The Ashmolean Museum](#)

[The Weston \(Bodleian\) Library](#)

[The Pitt Rivers Museum](#)

[The History of Science Museum](#) and

[The Natural History Museum.](#)

Please note that there are other museums in Oxford, but these five are the University Museums and all are centrally situated within walking distance of one another. For example, you might like to visit the [Soldiers of Oxfordshire Museum](#) in Woodstock, and our Vale and Downland Museum in Wantage.

And calling all students interested in stories, reading and books: the [Story Museum](#) is on the lookout for **Youth Collection Ambassadors** – a great opportunity to volunteer at the Museum and gain behind-the-scenes experience at a truly magical place! Click on the link above to find out more!



[Explore in Person](#)

[The Main Exhibition at the Ashmolean - Money Talks: Art, Society and Power](#)

Opens on 9th August 2024, until 5th January 2025



This thought-provoking Exhibition reveals how currency and art come together in design and culture to promote or challenge our views. It will feature works by some of the best-known artists, from Rembrandt to Warhol.

Most of the imagery on our currency begins its life as art, before being mass produced on coins and notes. It has a dramatic impact on what and who we imagine is valuable.

Money itself is a popular theme in art – artists have long explored and commented upon the balance between power, wealth and plenitude through using money artistically in novel ways.

To book your tickets and find out more, please visit: [MONEY TALKS: ART, SOCIETY & POWER | Ashmolean Museum](#)

Please note: this exhibition has timed tickets, and the tickets are priced at £15.30, with concessions down to £7.65 for a 12-17-year-old child, and free entry for children under 12.

[At the Ashmolean - Explore in Person:](#)

[A few of the Free Exhibitions and displays at the Ashmolean:](#)

(Please note: although entry to all of these exhibitions is FREE, it is advisable to book a free general admission ticket in advance. Please book your tickets at: [EXHIBITIONS | Ashmolean Museum](#))



Kabuki Legends

Available until 23rd February 2025

Japanese artist **Takahashi Hiromitsu** creates dynamic, colourful prints showing exciting moments in kabuki, a traditional form of dance-drama. This is the second show in a two-part exhibition of his works.

Gallery 29



Money in Renaissance Germany

Available until 10th November 2024

This new display explores the creation of a common currency across the Holy Roman Empire in 1559. It was the first European currency whose units were clearly and consistently marked with their face values in Arab numerals.

While the fronts of the coins were harmonised, the backs retained some forms of local reference, which was in some cases quite playfully medieval.

Money Gallery



Simple Pleasures: Li Jin with Roger Law

Available until 17th November

This exhibition showcases work by the contemporary Chinese ink master **Li Jin** – his first solo show in the UK – alongside a selection of drawings and ceramic work by the British caricaturist Roger Law and some of their correspondence. The two artists have been friends for many years. Both share a sense of humour and sharp observation in their artistic endeavours and appreciation of each other's art.

Gallery 11

[Explore at Home](#)

Dive into the Ashmolean's Collection of Short Story Videos

This is a great collection of *short* snippets that reveal more about some of the recent exhibitions, as well as some of the hidden stories behind some of the items in the Collections. Stimulating and thought-provoking. Do take a look!

[STORIES | Ashmolean Museum](#)

Have you looked at the Home Learning Section?

Ideal for KS3 exploration on a rainy day! Here you will find videos, short articles, photographs and things to make and do, on topics from Ancient Egypt to the Anglo Saxons, as well as jigsaw puzzles, Animal Crossing characters, and art and craft activities to do at home.

[HOME LEARNING | Ashmolean Museum](#)



And if you are inspired to see more, then browse through the Ashmolean's Treasures

You might retort that the whole of the Ashmolean Museum is filled with Treasures, so these items that are especially selected as the Museum's Treasures must have great significance indeed, possibly because of their rarity, or the place they held at the time. Do take a look, and then maybe head over to the Museum to see them for real!

[TREASURES | Ashmolean Museum](#)



[Explore online:](#)

[The Ashmolean for Young People](#)

This is a great section to explore, with advice on the sorts of careers that you find within a museum (you might be surprised!!), as well as challenges and other activities to try out at home.

[YOUNG PEOPLE | Ashmolean Museum](#)

[From the Soldiers of Oxfordshire Museum](#)



[Exhibition: Oxfordshire to the Orne](#)

Available until 20th December 2024

2024 marks the 80th anniversary of D-Day. It is an opportunity to restate and refresh some of the compelling stories of the Oxfordshire and Buckinghamshire Light Infantry, and the Pegasus Bridge operation in particular (see the recorded talks for an account of this).

But there will also be many other less dramatic stories of how the county was involved in the run-up to D-Day. **[Recorded Online Talks](#)**



The Soldiers of Oxfordshire Museum has amassed a fantastic collection of recorded talks, with titles including *The Secret Life of Ian Fleming*; *The Pegasus Bridge Story* and *T.E. Lawrence: the Unconventional Warrior*. You can find all three series of talks here:

[Online Talks – Soldiers of Oxfordshire Museum](#)



[Step into the Pitt Rivers Museum](#)

Step into the Pitt Rivers and it is like stepping back in time, into a Museum ages past, where exhibits from all over the world crowd in on you from all sides. But the Pitt Rivers is totally modern in its outlook and seeks to represent the world in all its wonder and diversity. Booking is now only needed if you are attending a special event with limited numbers.

[Explore in Person](#)

[In addition to the permanent Exhibitions, do take a look at some of the current temporary exhibitions and displays at the Pitt Rivers:](#)



[Exhibition – Hawaii: Ma Uka to Ma Kai](#)

Journey through the Hawaiian landscape in this special exhibition, a unique collaboration showcasing the contemporary works of various artists and artist groups. With displays across the Museum linked to the Exhibition.



[Mo'olelo of the Ahupua'a](#)

Available until March 2025

Encounter Hawaiian stories of living, working, playing and learning within a sustainable landscape through this display of paintings by Solomon Enos on the first floor of the museum.

Didcot Case (Lower Gallery)



Nothing without us: Experiences of Disability – Museum Trail

Nothing Without Us is a co-produced gallery trail that shares the lived experiences of disabled people, their stories revealed by objects in the Pitt Rivers Museum. This trail invites you to reflect on how such experiences have not only shaped their lives, but have a deeper connection and meaning that matters for all of us.



His Dark Materials – Trail around the Museum

If you are a fan of Phillip Pullman's *His Dark Materials*, and you watched the BBC HBO TV series, then do pop along to the Pitt Rivers as, dotted all around the galleries, you will find props from the series. To find out more, visit: [His Dark Materials | Pitt Rivers Museum \(ox.ac.uk\)](https://www.pitt-rivers-museum.ox.ac.uk)



Online Archive: Curious about some of the Past Pitt Rivers Exhibitions that you may have missed?

You will find many of the past exhibitions here: [Past exhibitions | Pitt Rivers Museum \(ox.ac.uk\)](https://www.pitt-rivers-museum.ox.ac.uk)

Pitt Youth Action Team



Are you wondering what goes on behind the scenes at a vibrant Museum such as the Pitt Rivers? The Pitt Youth Action Team are a group of like-minded young people – typically aged between 16 and 19 – who meet at the Museum once a month. They are offered opportunities to have a real impact on the way the Museum interprets its collections, usually going behind the scenes to advise and consult with staff over exhibition materials, run activities at public events and plan projects. If you would like to know more, please [contact](#) the young people's co-ordinator at the Museum.

At The History of Science Museum of Oxford:

The Museum is open between 12:00 and 5:00pm Tuesday to Sunday.



Exhibition: A healthy future for all? – Explore the science behind the pandemic headlines

To save lives during the COVID-19 pandemic, scientists took innovative approaches to produce rigorously tested, clinical-grade vaccines and drugs at speed.

But how can these new techniques deliver wider healthcare benefits for all of us?

A Healthy Future for All? empowers you to discover the science for yourself. Find out how the immune system works, and explore how researchers are using the pandemic experiences to prepare for the next pandemic outbreak.

[A Healthy Future for All? | History of Science Museum \(ox.ac.uk\)](https://www.historyofscience.org.uk)

[Explore in Person at the History of Science Museum:](#)



Exhibition: Step into Lyra's Worlds – props and costumes from the BBC HBO series *His Dark Materials*

The History of Science Museum influenced the design of the Alethiometer. Come and discover your Daemon and journey through the Museum with your daemon guide to discover stories of creative leaders, resourceful adventurers, daring visionaries and ingenious scholars. There are objects and stories to find as a family in each gallery before you enter the world of Philip Pullman's international best-selling trilogy, *His Dark Materials*. Step into Lyra's study, under a canopy of stars and Dust, to discover props and costumes from the BBC HBO production, including Lyra's alethiometer from the series. Explore the Museum's intriguing dials and devices that inspired Philip Pullman to create the alethiometer. *Basement Gallery*.

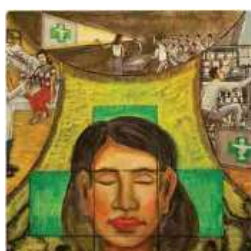
Alice in Typhoidland: The Past and Present of Typhoid

Discover the long history and cutting-edge research behind the typhoid vaccination and its roll-out.

Discover how Victorian doctors and scientists helped make typhoid visible and developed the first typhoid vaccines, and **Learn** about the current challenges of typhoid across the world and what researchers in Oxford are doing to tackle it.

To find out more about the Exhibition, visit: [Alice in Typhoidland | History of Science Museum \(ox.ac.uk\)](https://www.historyofscience.ox.ac.uk/exhibitions/alice-in-typhoidland)

You will find the Exhibition in the *Basement Gallery*.



Display: The Disease of Greed – Fake, falsified and substandard medicine

Fake objects in museums may seem harmless, but fake medicines and misinformation have real consequences for all of us.

Come and investigate hoaxes, forgeries and fakes in the world of public health in Southeast Asia. Bear in mind that, although this display explores the problem in one area of the world, the issues arising are not confined to that area. Take a closer look online before visiting the display: [2024 Fakes](https://www.genial.ly/2024-fakes)

[Display \(FINAL\) \(genial.ly\)](https://www.genial.ly/2024-fakes)



Meet Guglielmo Marconi – one of the minds who made the modern world

Through the work and experiments of Marconi, Radio was born. This exhibition explains some of Marconi's journey of discovery and its legacy in the terms of radio and microwave physics. Explore how Marconi's science experiments revolutionised the way that the whole world stays connected.

Basement Gallery (You can also explore some the exhibition at home: [Making Waves | History of Science Museum \(ox.ac.uk\)](https://www.historyofscience.ox.ac.uk/exhibitions/making-waves))



Display and Online Story

One of the most famous artefacts on display at the History of Science Museum is Einstein's blackboard, hanging high on the wall of the Basement Gallery. This blackboard is more than a glimpse into the mind of a genius, however: it is a key moment in our understanding of the Cosmos. To find out more, visit the online story

here: [Einstein's Blackboard \(shorthandstories.com\)](https://www.shorthandstories.com/einsteins-blackboard) and, next time you're in Oxford, pop into the museum to see the blackboard for yourself.

Step back into online version of previous Exhibitions, dating back to the 1995!

The History of Science Museum has been creating virtual versions of their past Exhibitions for over 25 years – a real treasure trove of learning. Do take a look at:

[Past exhibitions and displays | History of Science Museum \(ox.ac.uk\)](#)



Discover the Collection: Science in the Islamic World

The History of Science Museum houses one of the world's most comprehensive collections of astronomical instruments from the Islamic World.

Ranging from the 800s CE to the present day, these scientific objects were created and used by people living in *lands where the majority religion was — or is — Islam*.

While the artisans who made them came from different regions — Europe, Africa, the Middle East and Asia — the objects themselves still share many similar, distinctive characteristics. And though the instrument makers all lived and worked in the Islamic World, they were not all themselves Muslim. The result is a fascinatingly rich and diverse collection. For more information, please go to: [Science in the Islamic World | History of Science Museum \(ox.ac.uk\)](#)



Online Exhibition: Mirror of the Stars



“Pick up an Astrolabe, and you hold the Universe in your hands.”

Join Museum curators Dr Federica Gigante and Mathilde Daussy-Renaudin to explore how astrolabes mirrored the traditional view of the Earth at the centre of our moving universe. This step-by-step tour of the Exhibition takes you through what astrolabes were and how they were used in so many aspects of everyday life. Visit:

[Mirror of the Stars | History of Science Museum \(ox.ac.uk\)](#)



Read the Blog: Why our History Matters – a look at the decolonisation project that will explore the origins of the founding collection

Consider the role of museums in general and then explore the origins of some of the key collection artefacts, learn about the way the items were procured and discover some of the hidden voices and stories within them.

[Finding and Founding Blog One Our History Matters | History of Science Museum \(ox.ac.uk\)](#)



Watch again: the collection of recent past talks

Scroll down the page to reach the Museum's Youtube collection of recent past events, which include a talk on Board Games and Mediaeval Medicine, and a discussion on whether science can always be considered “fact”.

[What's on | History of Science Museum \(ox.ac.uk\)](#)

You can also go on to take a virtual tour of the galleries at:

[Current Displays and Exhibitions | History of Science Museum \(ox.ac.uk\)](#)

[And from the Natural History Museum of Oxford:](#)



[Explore in Person: New Displays now open](#)

What connects prairie dogs to blister beetles? How do spiders communicate with each other? And why are cockatoos considered pioneers? Check out the new displays to find out. To get an online taste, please visit: [Life, As We Know It | Oxford University Museum of Natural History](#)

[of Natural History](#)

In addition, the museum has a number of events (talks, panel discussions, tours, workshops) over the coming months. Below is a selection, but do take a look at their [WHAT'S ON | Oxford University Museum of Natural History](#) to find a full listing. Many of their events are free, but most need to be booked in advance.



Display: Victorian Spiritualism

Available until 6th January 2025

Victorian spiritualism was a popular, yet controversial, movement from the mid-19th century that claimed spirits existed and that the living could communicate with them. This display draws together archive material that illustrates popular spiritualist practices of the time, including mesmerism, table turning and 'spirit writing'.

Presentation Display Case



The Mammals of Borneo

Monday 11th November 2024, 7:00pm

From Proboscis Monkeys to Pygmy Elephants, Borneo is home to an amazing range of mammals. Come and find out more about some of this diversity and the ongoing efforts to conserve it.

Part of Oxfordshire Mammal Group's winter lecture series. OMG members free; non-members £4 on the door or £6 yearly membership. No advance booking needed.



Time to Draw – free workshop

Wednesday 30th October 2024, 2:00 – 3:30pm

Drawing can be satisfying, informative, fun and a skill worth making time for. This relaxing workshop is for young people **between the ages of 10 and 14** who'd like to take some time to draw. Inspiration and materials are provided but you are also welcome to bring your own sketchbooks and pencils.

The workshop is free, but must be booked in advance: [Time to Draw | Oxford University Museum of Natural History](#)



Panel discussion on Fossils – Vote for the GOAT

Hear university researchers battle it out to try and convince you why their chosen fossil or time period is the Greatest Of All Time (GOAT).

Once all entries are in YOU the audience will be able to vote for the GOAT!

FREE event, but must be booked in advanced.

[Vote for the GOAT | Oxford University Museum of Natural History](#)

Talk



TALK: British Big Cats: Testing the Theory

Monday 2nd December 2024, 7:00 – 8:00pm

Right across Britain, people are making remarkable claims, reporting large feral cats resembling panthers, pumas and lynx. Rick Minter, author of 'Big Cats; Facing Britain's Wild Predators' gives this illustrated talk on the evidence.

FREE Event, but must be booked in advance.

[British Big Cats? Testing the Theory | Oxford University Museum of Natural History](#)



A Treasure of Online Exhibitions!

From Architecture to Animals, and from Bacteria to Brains, browse through the Museum's collection of digital exhibitions and learn more about all aspects of the Natural World. Dive in at:

[Online exhibitions | Oxford University Museum of Natural History](#)



The Learning Zone, from the University of Oxford's Natural History Museum



This is packed with resources and ideas for learning about the Living World, the Earth, and Fossils. Most of the materials are aimed at upper KS2 and KS3, so if you are in Years 7-9, you should find plenty of interest: games, videos, activities, and ideas for further exploration. Do take a look! [Home | The Learning Zone \(ox.ac.uk\)](#)

The Natural History Museum has a number of regular family-friendly events, such as *Science Saturdays*, *Autism-Friendly Openings* and *Family Friendly Sundays*. Do take a look at their website to check out the whole programme of events: [WHAT'S ON | Oxford University Museum of Natural History](#)

The museum also holds regular sessions on object handling. To find out more, head to [WHAT'S ON | Oxford University Museum of Natural History](#) where you will find several pages' worth of events.



[Young People at the University of Oxford's Museum of Natural History](#)

DO visit this section for ideas of how to get involved (e.g. the regular Youth Forum for ages 16-19) as well as online challenges and resources. Keep an eye on this page as it is updated.

[Young people | Oxford University Museum of Natural History](#)

[From the Bodleian Libraries](#)

If you find yourself in the city of Oxford, why not take a walk down Broad Street and pop into the Bodleian Library to see one or more of the four Exhibitions listed below. All are FREE to enter, and you do not need to book beforehand.

Also, do take a look at the Events listings, as many of these are free to access as well. Please visit: [Events & Exhibitions | Visit the Bodleian Libraries \(ox.ac.uk\)](#)



In Person Exhibition: Kafka – the making of an Icon

Available until 27th October 2024

Kafka: Making of an Icon marks the 100th anniversary of the author's death, celebrating not only his achievements and creativity but also how he continues to inspire

new literary, theatrical and cinematic creations around the world.

The exhibition features materials from the archives of the Bodleian Libraries, which hold the majority of Franz Kafka's papers, including literary notebooks, drawings, diaries, letters, postcards, glossaries, and photographs. *St Lee Gallery, Weston Library.*

Last chance to see!



In-person Exhibition: Write Cut Rewrite

Available until 5th January 2025

Write, Cut, Rewrite is an exhibition dedicated to the creative importance of editing in literature, often referred to as 'killing your darlings'.

Often, in the attempt to find the perfect form, the author cuts more words than the ones that are eventually published, and one might expect these discarded fragments to end up in waste-paper baskets and disappear. But many are preserved in libraries and archives, a testament to the importance of this form of creative undoing in the writing process.

Free admission. *The Treasury, Weston Library.*

You will find the full list at [Events & Exhibitions | Visit the Bodleian Libraries \(ox.ac.uk\)](#).



The Story Museum is looking for Youth Collection Ambassadors – could this be you?

Oxford's wonderful Story Museum is looking for young people to join their Youth Collection Ambassadors Group.

This is a dynamic group of young people, aged 11-16, who work together to

develop the Museum's 1001 Stories Collection, as well as the Object Collection as a whole. If you are interested in finding out more, please head over to our Academic Enrichment Blog for details of the scheme and a registration form: [King Alfred's Academy - Story Museum Youth collection Ambassadors \(kaacademy.org\)](#)



Section 2. Sites to explore online



Lancaster Psychology Research Showcase Series

This is a superb collection of seminar talks by academics at the University of Lancaster Psychology Department. Here you will find talks on varied subjects, from Curious Babies to the Psychology of Lying, and from Auditory Neuroscience to whether Advertising could be seen as a “dark art”. Do take a look, and dip into a few! [Psychology at Lancaster Lockdown Seminar Series – Psychology at Lancaster University, the lockdown public](#)

[seminar series \(lancs.ac.uk\)](http://lancs.ac.uk)

Naked Archaeology Podcast

The podcast that undresses the past! Find out about the Nazca Lines, the builders of Stone Henge, and what lies hidden with the Ancient Pyramids, plus much more. [Naked Archaeology | The Naked Scientists](#)



The Museum of Archaeology and Anthropology at Cambridge

This is a museum of humanity's history over hundreds of thousands of years, of world cultures over recent centuries, and of Indigenous life and art in the present. Visit the website to explore the collections and some of the current research! [Museum of Archaeology and Anthropology | \(cam.ac.uk\)](#)

Nathalie Haynes speaks up for the Classics

If you look up Nathalie Haynes on the internet, the first thing that comes up describes her as a Comedian. Yes, she is that, but she is also a writer, broadcaster and classicist, and her podcast series readily combines her rich brand of humour with her love for Classics. Well worth listening to the entire series! [BBC Radio 4 - Nathalie Haynes Stands Up for the Classics](#)



The University of Oxford Independent Science Magazine

The Oxford Scientist is the University of Oxford's foremost science magazine. It is entirely student led, and publishes [one issue per term](#). The editors pride themselves on creating a magazine that is both packed with interesting science, and graphically gorgeous. A must-read for any student considering STEM at university or as a higher-level apprenticeship. Recommended from Year 10 upwards, but we do know there are some stunningly bright scientific minds in our younger years so this is a recommendation only. [The Oxford Scientist - The University of Oxford's independent science magazine \(oxsci.org\)](#)



Three great resources for students of A Level Chemistry, from the University of Oxford:



Explore Chemistry – a series of inspiring talks for Sixth Form Students

State school A level (or equivalent) Chemistry students and teachers are invited to this series of enlightening online talks by Oxford research chemists, followed by a Q&A. Talks will be live and the sessions recorded for use afterwards by subscribers if they are unable to attend. For 2024-25, live sessions will be held on

Mondays from 17:15-18:00* in order to minimise disruption to the school day. Students may attend without a teacher, provided we have a teacher contact and the student signs up with a valid school email address.

You can sign up here: [Career and Research Talks | Department of Chemistry \(ox.ac.uk\)](#)



Chirality Workshops from the Dept of Chemistry

This online workshop for UK state school students focuses on the 3D shapes of molecules, what the word 'chiral' means, the importance of chiral molecules in biology, and about the resources available to research chemists looking at proteins. Additionally, we consider current research focused on the main protease in SARS-

CoV-2, the virus responsible for the recent global pandemic. A self-directed resource is included.

There are a number of dates to choose from, but all are for the same workshop. Find out more at [What's on | Department of Chemistry \(ox.ac.uk\)](#)

Recordings of past University of Oxford Chemistry Conferences



Diverse topics such as the role that natural products can play in the future of drug discovery; the chemistry behind bird navigation and migration; cures from within, and others.

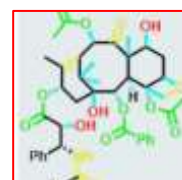
Well worth a visit!

[Schools' Chemistry Conferences | Department of Chemistry \(ox.ac.uk\)](#)

More Learning Resources, for both GCSE and A Level

Some great learning resources from the University of Oxford to encourage your own exploration into the world of chemistry:

[Learning Resources | Department of Chemistry \(ox.ac.uk\)](#) The list includes wider reading suggestions, youtube videos, podcasts, websites and more!





Gresham College Schools Talks Playlists

This is a great range of talk for schools playlists on a number of subject areas and topics, including climate change, forensics, Classics, Inventions, Modern Politics, the Middle Ages and more. They are an absolute must for any student interested in exploring their interests further, or to potentially discover a new interest!

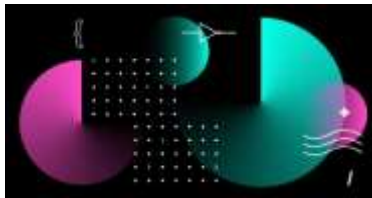
[Playlists | Gresham College](#)



OpenLearn's Learning from the Global South

Voices from the Global South is a series of six short films made to stimulate thinking about and reflection on the difference that geography makes to

understanding the climate crisis and its impact. [Voices from the Global South](#)



Ada Computer Science

This website provides free, high-quality, online learning materials to use in the classroom, for homework, and for revision. Aimed at students aged 14 -19, and for teachers also. [Ada Computer Science](#)



Explore is an engaging digital resource from the University of Oxford. As the 'Home of Big Questions', it aims to challenge those from 11 to 18 years

with debates and ideas that go beyond what is covered in the classroom. Big questions tackle complex ideas across a wide range of subjects and reflect the kind of critical thinking students undertake at university. [Explore | The Home of Big Questions](#)



A website to keep an Eye on: Science Oxford

Science Oxford, based in Headington, has some fantastic family days and other events, but also run STEM Careers experience days for years 11-13 during school holidays. Well worth signing up to their newsletter to make sure you don't miss out on anything.

[What's On - Latest Events & Clubs - Science Oxford](#)

News from the Department of Physics



This is a fantastic webpage that takes you through some of the latest news and discoveries relevant to the Field of Physics, You can filter the news items by research theme and department (a great way of finding out just how many sub-departments exist at the Oxford Department of Physics), and you can also choose to filter by audience so that you pick out the news items that have been selected especially for school students and prospective applicants. [Latest news and comment | University of Oxford Department of Physics](#)



Oxford Womxn in Computer Science (OxWoCS) Challenge Club

(Women in Year 12 (16-17) from UK State schools)

OPEN

Date of next event: January-May 2025.

The Oxford Womxn in Computer Science (OxWoCS) Challenge club is an annual event created by the Oxford Womxn in Computer Science society alongside the Oxford Department of Computer Science. It aims to create a community of young women with a passion for mathematics and its applications. The club will consist of monthly mathematical and Computer Science related problem sheets which will be sent out for students to solve. These problems are designed to stretch and challenge students. At the end of each month, students will take part in an online discussion lead by an Oxford Computer Science student, to discuss the problems including solutions and techniques. We expect that students who are selected to join the programme to participate in each of the online sessions. We anticipate that the problem sheet to take about 6-8 hours of work, each month, in your free time, before the live session.

Further information and for how to apply: www.cs.ox.ac.uk/ChallengeClub

Please get in touch via outreach@cs.ox.ac.uk if you have any questions.



Speakers for Schools – Inspirational Talks from inspirational People

On the “Speakers for Schools” Video Library, you will find hundreds of recorded talks from inspirational speakers across all areas of Industry, the Arts, and a number of research organisations. You can focus

your search for talks by both key stage and by type of talk (e.g. insight into industry, inspirational, etc.). Speakers include Authors, Journalists, Researchers in all sorts of areas (e.g. did you know there is such a thing as Forensic Linguistics??), Explorers, Designers, etc. [Inspirational Talks Library: Speakers & Video Broadcasts \(speakersforschools.org\)](http://speakersforschools.org)



Resources to help you explore University, prepare, and dip into some taster lectures

To find out more about university, how to apply and prepare, and lots more, the University of Bath have a really helpful and clearly set out Resource Hub: [Outreach Resource Hub \(bath.ac.uk\)](http://bath.ac.uk),

and you can find out more taster lectures at: [Taster Lectures \(bath.ac.uk\)](http://bath.ac.uk)



Oxford Online Maths Club - Welcome to the club!

The Oxford Online Maths Club is a weekly livestream from the University of Oxford. It's free, interactive, casual, and relaxed, and the livestreams are recorded so that you can watch back afterwards if you can't make it to the live broadcast on Thursday afternoons. Our regular host is Dr James Munro, and we often

have current Oxford students answering questions in chat and appearing on the livestream to talk about maths.

The club is mostly aimed at people about to apply to university or about to start a Maths course, but everyone's welcome and there's no registration needed. Whether you're the only person you know who's interested in mathematics, or if you're an entire sixth-form maths club looking for more maths content, we're here for you.

[Oxford Online Maths Club | Mathematical Institute](#)



Subject Taster talks from the University of Durham

It's that time of year when many of our Year 12 students have decided that they *would* like to apply to University, but have not yet fully made up their minds as to the subject. Subject taster lectures are a great way of exploring different subjects to make up our mind, and many universities helpfully have a number of these on their

websites. Here is a selection from the University of Durham:

[Subject Taster Lectures - Durham University](#)

The Mindscape Podcast

Ever wanted to know how music affects your brain, what quantum mechanics really is, or how black holes work? Do you wonder why you get emotional each time you see a certain movie, or how on earth video games are designed? Then you've come to the right place. Each week, Sean Carroll will host conversations with some of the most interesting thinkers in the world. From neuroscientists and engineers to authors and television producers, Sean and his guests talk about the biggest ideas in science, philosophy, culture and much more.

[Sean Carroll's Mindscape Podcast – Sean Carroll \(preposterousuniverse.com\)](#)



University of Oxford Podcast: Biology – the Whole Story

Biology is the science of the 21st Century and everyone should know the fundamentals. In this series, Professor Lindsay Turnbull from the Department of Biology will guide you through key concepts, building a big picture of what Biology is all about. Based on her recent book, this video series is perfect for GCSE or A-level students, especially those looking for a University perspective.

[Biology: The Whole Story | University of Oxford Podcasts](#)

Two new projects from Zooniverse

For all those citizen science enthusiasts, here are two projects to whet your appetite. If neither of these grab your attention, then head over to [Projects — Zooniverse](#) where you will find hundreds of other projects, on all sorts of topics, from languages to astrophysics, and from medicine to the Arts. **And did you know that working on Zooniverse projects can count towards the volunteering bit of your D of E qualification?**



SPLUS: Science Hunters

Every night, in the quiet Chilean mountains, the T80S telescope takes many pictures of large parts of the sky. We are excited to announce the [S-PLUS Science Hunters](#) project, led by a researcher at Atacama University. Join us in the quest of novel astronomical objects, hunting for asteroids, star clusters, multiple galaxy systems, star forming galaxies, exotic objects and all the unknown objects waiting to be revealed.

The S-PLUS collaboration is a Brazilian lead effort to understand several aspects of the universe, from the formation of the first stars, to the evolution of galaxies in different environments, till the identification of Baryonic Acoustic Oscillations. Open your eyes to the beauty of the night sky and help classify and identify extraordinary objects! Get involved and give the project a try at: [SPLUS: Science Hunters — Zooniverse](#)



Reading Emotions

Calling all readers! As part of the Citizen Readers for citizen science initiative, we're excited to announce the launch of our latest project: [Reading Emotions!](#) We need your help for the first-ever citizen science project to study the diversity of characters' emotions in stories.

How does it work? Volunteers will assist us by annotating short passages to pinpoint the emotions that characters are feeling in a given moment of a story. Characters are the backbone of great storytelling. With your help, our aim is to build AI models to better understand who characters are and what they do within diverse narrative worlds to address one very big question: why do human beings tell stories?

The proliferation of stories today is astounding. There is simply no way to account for the breadth of human creativity without relying on AI. But these systems are often trained in biased or unknown ways.

By enlisting the help of readers like you, we can build better, more transparent AI systems to study human storytelling. All of the data and models we generate will be open to the public, setting an important standard for transparent and inclusive AI. Our goal is not to build robot storytellers. With your help, we want to gain a deeper understanding of human storytelling. Come get involved and give the project a try! If you're a passionate reader of stories, we'd love you to join. [Reading Emotions — Zooniverse](#)



The Good Robot Podcast

Many of us have heard of studies that have revealed an unsettling misogynist bias in the thinking processes of AI – a bias that has been unwittingly introduced by the examples and experiences that the AI has been exposed to.

This podcast is a Cambridge University Project from researchers Eleanor Drage and Kerry Mackereth as they ask the experts: what is good technology? Is 'good' technology even possible? And what does feminism have to say about it?

The project translates scholarship into practical knowledge for industry, while also allowing industry approaches to inform academic work in the field of Gender Studies. It ultimately aims to provide the AI sector with practical tools for creating more equitable AI informed by intersectional feminist knowledge.

[LISTEN>> The Good Robot Podcast | Department of Politics and International Studies \(POLIS\) \(cam.ac.uk\)](#)

Especially for Y10s – Y13s looking to broaden their super curriculum in preparation for University Applications (also great for EPQ ideas!):

Super-curricular activities are not mandatory. However, they can help you make a competitive application, and prepare you for a challenging academic environment, so we strongly recommend them. Super-curricular participation can enhance your personal statement, give you greater confidence in your subject choice, show that you are serious about your area of study, and give you a wealth of ideas to draw upon in discussions if you're invited to interview. It's likely that you'll develop new ideas and opinions, critical thinking and analytical skills, and an ability to understand new information from different sources – this is all great preparation for succeeding at university. [Super-Curricular Activities \(cam.ac.uk\)](https://www.cam.ac.uk/extra-curricular)



The University of Oxford's Digital Resources Hub

The University of Oxford has compiled the best of its digital resources into a Digital Resources Hub to support learning and exploration. It is helpfully organised by age to help you find the resources that are best suited to your stage in education. They can also help parents and teachers to feed the curiosity of growing minds and inspire them to think broadly. These resources can also enable older students to explore their passions and interests further, and to discover more about Oxford. Go to: [Digital resource hub | University of Oxford](https://www.ox.ac.uk/digital-resources)



HE+

This website is for anyone interested in exploring ideas and developing their own critical thinking skills. Each topic is produced by Cambridge postgraduate students and academics at the cutting edge of research in their field. The topics provide guided activities, questions to think about and suggestions for further reading.

It is aimed at older students, but there is absolutely no reason why younger students cannot take a look and start thinking ahead. The main subject pages also give you a quick guide to what it would be like to study the subject at university level and suggest some further resources to check out. Click on a subject icon or search all topics to get started! Visit the HE+ website at <https://www.myheplus.com/>

Super Curricular Suggestions from the University of Cambridge:



Strong applicants to Cambridge and other competitive universities tend to have explored their chosen subject through wider reading outside the classroom, as well as doing very well in their GCSEs and A-levels. We call this sort of exploration 'super-curricular', as it builds on and enhances what you are studying in school. This selection of suggested reading lists and resources has been gathered from the Cambridge departmental and College websites, other universities and other sources on the internet. These lists provide some suggestions for places to start exploring your own interests in your chosen subject independently - you do not need to engage with any of the specific websites, books, podcasts etc mentioned and can easily find your own alternatives. The following lists are

suggestions only. [super-curricular suggestions.pdf \(cam.ac.uk\)](https://www.cam.ac.uk/extra-curricular/super-curricular-suggestions)



Trinity College Library Quad

This is a treasure of super-curricular enrichment: a collection of resources from current Oxford Trinity College Students. The difference here is that all these resources come recommended as having been helpful in preparing for university.

[Library Quad | Trinity College Oxford](https://www.trinity.ox.ac.uk/library-quad)

Competition Corner

“Why bother entering competitions? I am probably not going to win anything.”

And this is very true. But entering academic/educational competitions is an excellent way of stretching your brain and your abilities, and you will learn and hone many skills along the way. Once you are in Year 10+, entering academic competitions and being able to reflect on your experiences is something that will make you stand out in university and high-level apprenticeship applications. So *do* get into the habit of checking the **Competition Corner** of the *KAAEP Bulletin*, or looking online for other competitions. (If you find something, do please let me know so I can share it with others!)

Year 12 is an important year for this as the most competitive universities seek out those students with the motivation and enthusiasm to enter academic competitions.

- (a) They make you stand out from the crowd - you can talk about your research in your personal statement.
- (b) They help you to explore and discover new interests.
- (c) They are a good way of testing whether studying the subject at university is really for you.
- (d) They improve and develop your critical thinking and essay writing skills in readiness for stepping up to university.

“It is a great idea to enter a competition in an area that you enjoy or are good at whilst you are still at school. If you win or are placed, that is excellent, but even if you don’t, it demonstrates commitment, interest, drive and immediately differentiates you from others. It looks good on your UCAS Form.” Student Ladder – Steps to Success.



For Years 7 and 8 – the School Science Essay Prize for 2024!

The STFC Rutherford Appleton Laboratory are again be running its School Science Prize for students in Years 7 and 8. Entries are now open and you have until **midnight on 6th November** to enter your essay. All participants will receive an e-certificate, and the overall winner will receive an Amazon Fire 7 tablet.

To enter the competition, you need to write a 500-word essay entitled “Why I love science”. For more information and details of how to enter, as well as details of the judging criteria, please visit [King Alfred's Academy - The Year 7&8 STFC Science Essay Prize 2024 \(kaacademy.org\)](http://King Alfred's Academy - The Year 7&8 STFC Science Essay Prize 2024 (kaacademy.org))



For Years 7 to 9: An Art Competition from the Centre for Personalised Medicine

For this competition, students in Years 7-9 are asked to create art about how personalised medicine affects our planet. Students working individually or in groups can create a drawing, a painting, a collage, a sculpture – anything goes as long as it’s something you can take a photo of. Every entrant receives a certificate, and there are cash prizes for the best artworks. Click on the following links to see the absolutely brilliant pieces created by winners and finalists for [2022-23](#) and [2023-24](#).

Entries can be submitted electronically, and in the past some of the best artwork has been exhibited at the John Radcliffe Hospital, the Centre for Human Genetics, and St Anne’s College in Oxford.

To find out more and for details of how to enter, visit [Oxford CPM Art Competition](#).

The deadline to submit your work is **Friday 31 January 2025**.





Armstrong Arts and Humanities Essay Competition 2025

The essay questions in this competition cover the breadth of arts and humanities subjects offered at undergraduate level at the University of Cambridge. Questions are often multi-

disciplinary, designed to encourage entries to consider the connections between various subjects, and to allow entries to approach the question from varying angles. Effective essays will present a clear argument supported by specific, relevant examples. The deadline to submit your work is: **Monday 3rd February 2025, 6pm.**

For more information and details of how to submit your entry, visit:

<https://www.magd.cam.ac.uk/undergraduate/access-and-outreach/essay-competition>

Girton College Humanities Writing Competition

Girton College are excited to announce this annual competition, which is an opportunity for students to research and write beyond the curriculum, using one or more of the Lawrence

Room museum objects, as their focus. Essays or creative responses (such as dramatic monologues or short stories) are equally welcome. The judges are looking for the ability to connect different areas of knowledge, to think about details and to communicate clearly.

The deadline to submit your work is **Thursday 20th March 2025, 5pm.**

For more information and details of how to submit your entry, visit:

<https://www.girton.cam.ac.uk/humanities-writing-competition>



University of Oxford Sixth Form Prize in Medicine

The University of Oxford invite Year 12 students to enter an essay into their Prize for Medicine competition. The topic is '**The impact of arthritis on the individual and society.**'

The Essay Prize aims to raise awareness of the interesting and multifaceted subject of medicine related to orthopaedics. It is hoped that the prize will encourage students with

an interest in medicine to explore this further and to apply for a university course in this subject. In addition, the prize aims to recognise the achievements of high-calibre students, as well as the achievements of those who teach them.

The competition carries a first prize of a 5-day work-experience placement within the Nuffield Orthopaedic Centre (NOC) and the Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences (NDORMS), Oxford. In addition, up to three further essays of a high quality will be commended. For students living more than 20 miles from NOC, Oxford there is also a prize of £100, which will contribute to travel expenses anticipated in the attendance of the work-experience placement.

Accommodation will not be provided although some facilities are available if the placement allows shadowing of the 'on call' team.

Full details and entry criteria are on the website: www.ndorms.ox.ac.uk/essay-competition **Deadline for submission of entries is 23:59 on 30th November, 2024.**

If you have any queries, please email: josie.eade@ndorms.ox.ac.uk

SAMSUNG

Solve for Tomorrow Competition 2024/25



REGISTER NOW

Set your students apart in tomorrow's STEM careers.



Back with new and improved resources, **Samsung Solve for Tomorrow Competition 2024/25** is inviting the next generation of innovators to **make their tech-for-good ideas a reality!**

Open to **16-25-year-olds across the UK & Ireland**, the Competition is a free initiative designed to empower **ALL learners** from all backgrounds to become tomorrow's problem solvers.

To enter, they can use the **NEW Design Thinking Toolkit** to create their entry in less than 45 minutes! Pupils can work together to do this and **enter solo or as a team of up to 5 people.**



All you need to do is [register](#).

By submitting your entry, you have the chance to **win incredible prizes to kickstart your STEM career!**

In addition, Every shortlisted team will take part in **virtual and in-person workshops**, led

by **experts in the tech industry**, to help unlock their creativity, boost their problem-solving skills and build their confidence.

The resources provided are curriculum linked for **Business Studies, Computing/ICT, Design & Technology or the Sciences**. They include a **NEW Design Thinking Toolkit** – an interactive PDF that guides students through the steps of Design Thinking whilst helping them create an entry for the competition in less than 45 minutes!

INTO
FILM

Film of the Month Competition – any film, any genre, any time of year

This is an ongoing competition for young people aged between 5 and 19. Although it does say “any film”, there are some guidelines that you need to follow. You can submit at any time. The website has guides and resources to support your film-making as well.

If you are interested in the idea, take a look at: [Details of our active competitions. - Film of the Month - Into Film](#)



Ghost Stories – a Writing Competition for 12-18-year-olds

Few stories are as much fun to write as a good, spine-tingling ghost story. Those that get your readers on the edge of their seats!

This competition is open all year round, and is free to enter.

For more information and details of how to enter, please visit: [Fright Club \(12-18 Year-Olds\) | Young Writers](#)