



FRANCIS HOLLAND SCHOOL
REGENT'S PARK

STRETCH AND CHALLENGE



INTRODUCTION & CONTENTS

Our Stretch and Challenge Booklet is an opportunity to provide Francis Holland girls with a mix of broadening (enrichment) and extra depth (extension) during their studies. You will find that each department has provided a wealth of enrichment and extension recommendations designed to stimulate and challenge the girls across a range of abilities as well as providing an opportunity to engage and work independently at a high level.

If you have any questions please do not hesitate to contact me.



Ms. Kristina Lewis
Assistant Head of Teaching & Learning
Kristina.lewis@fhs-nw1.org.uk

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ART

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Courses

- ❖ [Royal Drawing School](#) - *After-school and Saturday Drawing Clubs provide serious, sustained drawing tuition and mentoring for 10-14 year olds.*

Competitions

- ❖ [Royal Academy Young Artists' Show](#) – Online Exhibition
- ❖ Annual FHS House Photography Competition – November

Extension Reading

- ❖ Michael Bird, *Vincent's Starry Night and Other Stories*
- ❖ Marion Deuchares, *Let's Make Some Great Art*
- ❖ Marion Deuchars, *Draw, Paint, Print like the Great Artists*

Watch

- ❖ [Heni Talks](#) – *HENI Publishing have launched short art docs on line especially geared to gaining a short insight into Art and Art History*
- ❖ [BBC series – What Do Artists Do All Day?](#) *This is a series which focusses on one artist per episode. It is 'a day in the life' insight.*

In-school Enrichment Clubs

- ❖ Junior Art Club
- ❖ Junior Photography Club (10 week course)

Recommended Places to Visit

- ❖ [Royal Academy, Piccadilly](#)
- ❖ [National Gallery, Trafalgar Square](#)
- ❖ [National Portrait Gallery](#)
- ❖ [Natural History Museum](#)
- ❖ [V&A Museum](#)
- ❖ [Tate](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Art Courses

- ❖ [Royal Drawing School - 'Young Associates'](#)
- ❖ [National Portrait Gallery Youth Programme](#)
- ❖ [National Portrait Gallery has course for young people](#)

In-school Enrichment Clubs

- ❖ Life Drawing for GCSE and A Level.
- ❖ [ARTiculation](#) is a nationally acclaimed public speaking initiative designed to promote the appreciation and discussion of visual culture.

Extension Reading

- ❖ Will Gompertz, *What are You Looking At? 150 year of Modern Art*
- ❖ John Berger, *Ways of Seeing / Landscapes: John Berger on Art*
- ❖ Taschen, *Women Artists in the 20th and 21st century*
- ❖ E Gombrich, *The Story of Art*
- ❖ An Artists Handbook, *Materials and techniques (Cass Art)*
- ❖ Grayson Perry, *Playing to the Gallery: Helping Contemporary Art in its Struggle to Be Understood.*
- ❖ *Modern Painters*: sources art and ideas from all over the world and is a great resource to have.
- ❖ *Tate magazine* – Is a really great way to get to grips with current exhibitions and ideas.
- ❖ *Frieze Magazine*

Watch / Listen

- ❖ [Heni Talks](#) – HENI Publishing have launched short art docs on line especially geared to gaining a short insight into Art and Art History
- ❖ [BBC series – What Do Artists Do All Day?](#) This is a series which focusses on one artist per episode. It is 'a day in the life' insight.
- ❖ [The Power of Art \(Simon Schama\)](#) This BBC series has eight one-hour episodes and examines the biography of an artist and one of his key works
- ❖ [The Lonely Palette](#)
- ❖ [Artcurious](#)
- ❖ [Art Detectives](#)

Recommended Places to Visit

- ❖ [The Photographers Gallery](#)
- ❖ [Whitechapel Gallery](#)
- ❖ [White Cube](#)
- ❖ [Serpentine Gallery](#)



BIOLOGY

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Newnham Essay Prize Competition](#)
- ❖ [British Science Week Poster Competition](#)

Extension Reading

- ❖ *The Science Book* - DK *
 - ❖ *Human Universe* - Brian Cox
 - ❖ *The Incredible Unlikeliness of Being* - Alice Roberts
 - ❖ *The Hidden Life of Trees* - Peter Wohlleben
 - ❖ *Are We Smart Enough to Know How Smart Animals Are?* - Frans de Waal
 - ❖ *Dawkins vs. Gould* - Kim Sterelny
 - ❖ *How Evolution Explains Everything About Life* - NewScientist *
 - ❖ *How Long is Now? Fascinating answers to 191 mind-boggling questions* – NewScientist*
 - ❖ *Darwin for Beginners* - Jonathan Miller *
 - ❖ *Darwin, A Short Introduction* - Jonathan Howard *
 - ❖ *The Complete World of Human Evolution* - Chris Stringer *
- * = particularly appropriate for year 7

In-school Enrichment Clubs

- ❖ Green Fingers

Watch

- ❖ David Attenborough (7 Worlds new release)
- ❖ Steve Backshall (The Deadly 60)

Recommended Places to Visit

- ❖ [Kew Gardens](#)
- ❖ [Centre of the Cell](#)
- ❖ [Science Museum](#)
- ❖ [Anaesthesia Heritage Centre](#)
- ❖ [British Dental Association Museum](#)
- ❖ [Florence Nightingale Museum](#)
- ❖ [Body Worlds at the London Pavilion](#) (supervision needed)
- ❖ [Wellcome Collection](#)
- ❖ [London Zoo](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Photography Competition](#) - The Royal Society of Biology annual photography competition invites amateurs to submit photographs on a particular theme
- ❖ [BioArtAttack Competition](#) - What is a BioArtAttack? Your entry can be anything from drawings and sculptures to models and collages of any scale. The piece of art created can be entered by an individual or as a group, including classes, lab groups or any group of biology enthusiasts
- ❖ [The Nancy Rothwell Award](#) - The Nancy Rothwell Award celebrates specimen drawing in schools and highlights the benefits of combining art and science
- ❖ [British Brain Bee](#) - British Neuroscience Olympiad for Teenagers
- ❖ [British Science Week Poster Competition](#)
- ❖ [Newnham Essay Prize Competition](#)
- ❖ [National Insect Week Photography Competition](#)

Extension Reading

- ❖ Bill Bryson, *A Short History of Nearly Everything*
- ❖ Adam Kay, *This is Going to Hurt: The Secret Diaries of a Junior Doctor*
- ❖ Steve Jones, *Y: The Descent of Men; In the Blood: God, Genes and Destiny; Almost Like a Whale: The 'Origin of Species'; The Language of the genes*
- ❖ Matt Ridley, *Genome: The Autobiography of a Species in 23 Chapters; The Red Queen: Sex and the Evolution of Human Nature; The Language of Genes*
- ❖ Francis Crick: *Discoverer of the Genetic Code; Nature Via Nurture: Genes, Experience and What Makes Us Human*
- ❖ James Watson, *DNA: The Secret of Life The Double Helix: Personal Account of the Discovery of the Structure of DNA*
- ❖ Lewis Thomas, *The Lives of a Cell: Notes of a Biology Watcher; The Medusa and the Snail: More Notes of a Biology Watcher*

In-school Enrichment Clubs

- ❖ Dissection Club

Websites

- ❖ [An interactive cell biology site](#)
- ❖ [Podcasts, news and interviews with scientists about recent scientific developments](#)
- ❖ [The London Natural History Museum's website with lots of interesting educational material](#)
- ❖ [A web site showing illustrations of many processes of biotechnology](#)
- ❖ [Visit the world of electron-microscopy](#)
- ❖ [Explore the genetic code](#)
- ❖ [Details of the history of the best scientific discoveries in physiology and medicine](#)
- ❖ [The site of the scientific journal](#)



CHEMISTRY

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Extension Websites

- ❖ [Royal Society of Chemistry](#)
- ❖ [Association for Science Education](#)

Festivals / Competitions

- ❖ [Salters' Festival of Chemistry](#)
- ❖ [Bronze Crest Awards](#)

Extension Reading

- ❖ DK, *The Periodic Table Book: A Visual Encyclopaedia of the Elements*
- ❖ Rachel Ignatofsky, *Women in Science: 50 Fearless Pioneers Who Changed the World*
- ❖ Edward P Zovinka, *Real Chemistry Experiments: 40 Exciting Steam Activities for Kids*
- ❖ Robert Winston, *All About Chemistry (Big Questions)*
- ❖ Mick O'Hare, *Why Don't Penguins' Feet Freeze? And 114 Other Questions (New Scientist)*

Recommended Places to Visit

- ❖ [The Wellcome Collection](#)
- ❖ [The Design Museum](#)
- ❖ [Science Museum](#)
- ❖ [The Fleming Museum](#)
- ❖ [The Royal Institution Lectures](#)
- ❖ [Catalyst Science Discovery Centre](#)
- ❖ [History of Science Museum](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Extension Websites

- ❖ [Royal Society of Chemistry](#)
- ❖ [Association for Science Education](#)

Competitions

- ❖ [Top of the Bench Competition](#)
- ❖ [Silver and Gold Crest Awards](#)
- ❖ [Year 12 Cambridge Chemistry Challenge](#)
- ❖ [Royal Society of Chemistry - UK Chemistry Olympiad](#)

Study Days

- ❖ [Imperial College London Year 10 Chemistry Taster Day](#)
- ❖ [UCL Chemistry Study Day](#)
- ❖ Spectroscopy in a Suitcase Workshop (in school – Spring Term)

Extension Reading

- ❖ Andrew Burrows, *Chemistry³: Introducing inorganic, organic and physical chemistry*
- ❖ Weike Wang, *Chemistry*
- ❖ James Keeler and Peter Wothers *Why chemical reactions happen*
- ❖ Peter Atkins *Atkins' Molecules*
- ❖ Peter Atkins, *Reactions: The private life of atoms*
- ❖ John Emsley, *More Molecules of Murder*
- ❖ Andy Brunning, *Why Does Asparagus Make Your Wee Smell?: And 57 other curious food and drink questions*

Recommended Places to Visit

- ❖ [The Wellcome Collection](#)
- ❖ [The Design Museum](#)
- ❖ [Science Museum](#)
- ❖ [The Fleming Museum](#)
- ❖ [The Royal Institution Lectures](#)
- ❖ [Catalyst Science Discovery Centre](#)
- ❖ [History of Science Museum](#)



CLASSICS

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Extension Reading

- ❖ Homer, *The Odyssey*
- ❖ Caroline Lawrence, *The Roman Mysteries Series*
- ❖ Rosemary Sutcliffe, *The Eagle of the Ninth Chronicles*
- ❖ Stephen Fry, *Mythos*
- ❖ Roger Lancelyn Green, *The Tale of Troy*
- ❖ Mary Renault, *The Bull from the Sea and other novels based on stories from mythology*

In-school Enrichment Clubs

- ❖ Mythical Monsters Club
- ❖ Classicist-in-Residence – a termly visit from academic, Peter Jones, translator of *The Iliad* and author of *Vote for Caesar*

Recommended Places to Visit

- ❖ [The British Museum – The Elgin Marbles and the Greek and Roman Galleries](#)
- ❖ [Verulamium Museum, St Alban's, Hertfordshire](#)
- ❖ [Temple of Mithras, London](#)
- ❖ [Fishbourne Palace](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Essay Competitions

- ❖ [Cambridge Classics Department – Essay Competitions](#)
- ❖ [The Mary Renault Prize](#)

Extension Reading

- ❖ Robert Harris, *The Cicero trilogy (Imperium, Lustrum and Dictator)*
- ❖ Virgil, *The Aeneid*
- ❖ Homer, *The Iliad*
- ❖ Mary Beard, 'SPQR', 'Confronting the Classics' and 'Pompeii'
- ❖ Robert Harris, *Pompeii*
- ❖ Edith Hall, *Introducing the Ancient Greek*
- ❖ Robert Graves, *I, Claudius*

In-school Enrichment Clubs

- ❖ Classicist in Residence – a half-termly visit from Peter Jones, translator of *The Iliad* and author of *Vote for Caesar*
- ❖ Ms. Jeannie Cohen runs a lunch-time *Advanced Translation Club* for pupils studying Latin and/or Greek A Level
- ❖ Classics Society with external speakers such as, Professor Edith Hall

Lectures

- ❖ [Iliad Lecture Day](#)
- ❖ [UCL Lectures and Conferences](#)

Recommended Places to Visit

- ❖ [The British Museum: Elgin Marbles, Greek and Roman Rooms](#)
- ❖ [The Fitzwilliam Museum, Cambridge](#)
- ❖ [The Ashmolean Museum, Oxford](#)
- ❖ [The University College London Classics Play](#) (a Greek tragedy or comedy performed every year)



DRAMA

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Young People's Theatre Groups

- ❖ [National Youth Theatre](#)
- ❖ [British Youth Music Theatre](#)

Extension Reading

- ❖ Willie Russell, *Blood Brothers*
- ❖ Phillip Pullman, *Grimm Tales*

In-school Enrichment Clubs

- ❖ Junior Drama Club
- ❖ Junior Play rehearsals
- ❖ House Drama Competition

Recommended Places to Visit

- ❖ [Shakespeare's Globe Theatre](#)
- ❖ [The British Library](#)
- ❖ [The National Theatre](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Young People's Theatre Groups

- ❖ [Royal Shakespeare Company](#)
- ❖ [National Theatre](#)
- ❖ [Shakespeare Schools Festival](#)
- ❖ [Digital Theatre Plus](#)
- ❖ [Shakespeare's Globe Young Actors Summer School](#)

Extension Reading

- ❖ Stanislavsky: *An Actor Prepares*
- ❖ Stanislavski: *Creating a Role*
- ❖ Sarah Kane: *Complete Plays*
- ❖ Nick O'Brien: *Theatre in Practice*
- ❖ Dennis Kelly: *DNA*
- ❖ Mervyn Millar: *Puppetry*
- ❖ Robert Icke: *1984*
- ❖ Mark Fisher: *How to write about Theatre*
- ❖ *The Frantic Assembly book of Devising Theatre*
- ❖ Ibsen: *Four Major Plays*
- ❖ Chekhov: *Four Major Plays*
- ❖ Fiona Banks: *Creative Shakespeare*
- ❖ Skip Mort: *Stage Lighting*
- ❖ *The National Theatre book of Theatre Design*

In-school Enrichment Clubs

- ❖ The Senior Play – *opportunities for acting, directing, designing*
- ❖ The Junior Play - *opportunities for directing*
- ❖ School Shakespeare Foundation Festival – *opportunities for acting, directing, sound and lighting*
- ❖ House Drama – *opportunities for acting, make up, costume, directing, choreography, sound and lighting*

Academic Workshops

- ❖ [Frantic assembly workshops](#)
- ❖ [Splendid Theatre workshops](#)
- ❖ [The Stanislavsky Experience](#)
- ❖ [Digital Theatre](#)
- ❖ [National Theatre – Young People](#)



ECONOMICS

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Young Writer on Liberty Competition](#)
- ❖ [LSE Economics Society Essay Competition](#)
- ❖ [Dorian Fisher Memorial Prize](#)
- ❖ [The Monetary Policy Essay Prize](#)
- ❖ [The Marshal Society Essay Competition](#)
- ❖ [Young Economists' Competition](#)
- ❖ [Young Economists of the Year The Royal Economics Society](#)

Extension Reading

- ❖ Levitt, *Freakonomics: A Rogue Economist Explores the Hidden Side of Everything*
- ❖ Levitt, *SuperFreakonomics: Global Cooling, Patriotic Prostitutes And Why Suicide Bombers Should Buy Life Insurance*
- ❖ Adam Smith, *The Wealth of Nations: An Inquiry into the Nature & Causes of the Wealth of Nations*
- ❖ Henry Hazlitt, *Economics in One Lesson: The Shortest & Surest Way to Understand Basic Economics*
- ❖ Friedrich Hayek, *The Road to Serfdom*
- ❖ Michael Lewis, *The Big Short: Inside the Doomsday Machine*
- ❖ Friedman, *The World Is Flat: A Brief History of the Twenty-first Century*
- ❖ Tim Harford, *The Logic of Life: The Rational Economics of an Irrational World*

In-school Enrichment Clubs

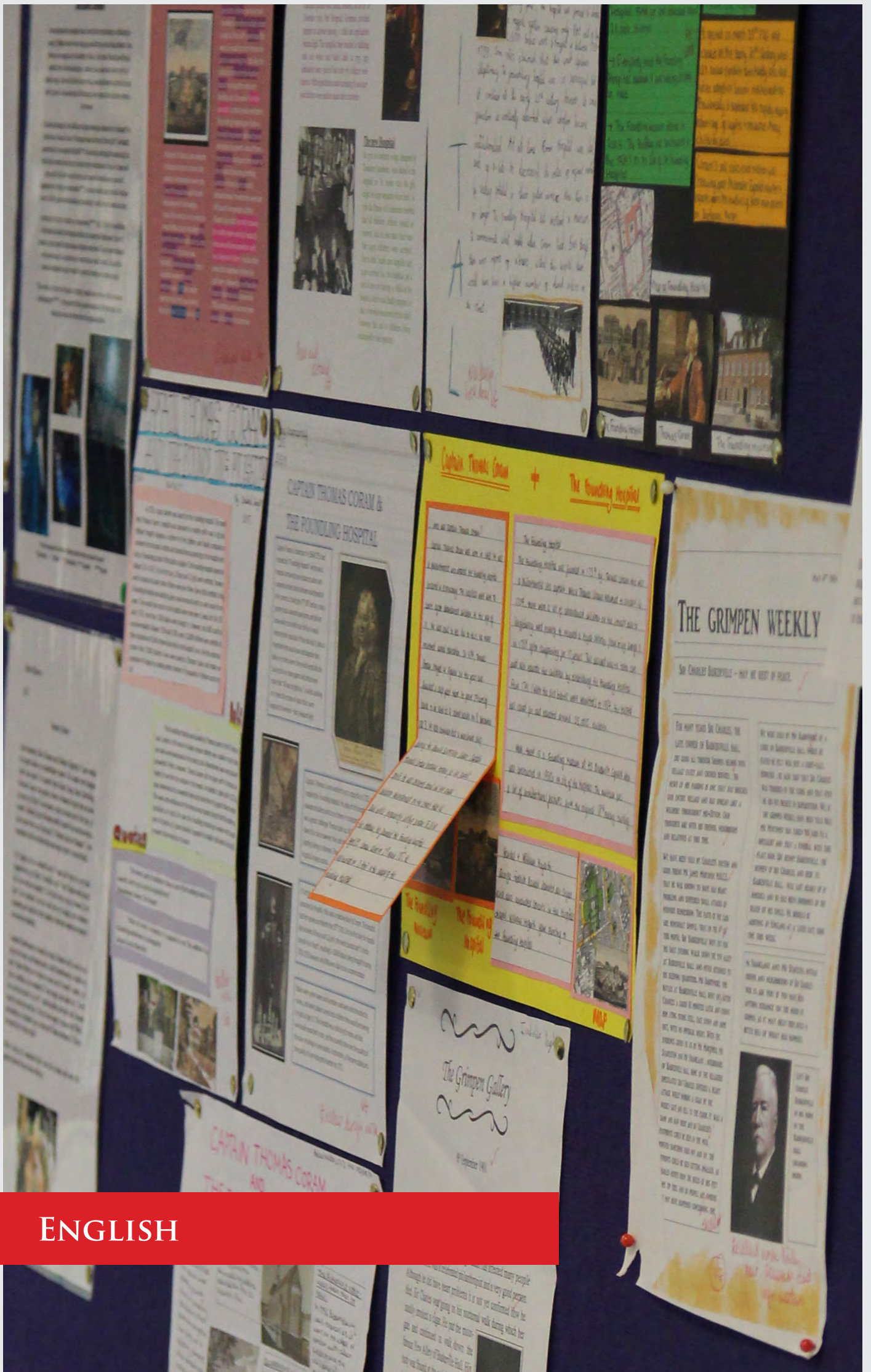
- ❖ Young Enterprise

Academic Workshops

- ❖ [Adam Smith Institute Workshops](#)

Lectures and Events

- ❖ [Adam Smith Institute Lecture Series](#)
- ❖ [IEA Institute of Economic Affairs Debates and Discussions](#)
- ❖ [Adam Smith Institute](#)
- ❖ [LSE London School of Economics](#)
- ❖ [Economic and Social Research Council](#)



ENGLISH

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Foyle Young Poet of the Year Award](#)
- ❖ [Poetry Competitions](#) for young people

Extension Reading

- ❖ Make use of the Library's reading lists
- ❖ Look at the [Carnegie](#) winning novels of previous years, and the current short-list
- ❖ [English and Media Centre](#) suggestions for reading

In-school Enrichment Clubs

- ❖ Creative Writing Society

Recommended Places to Visit

- ❖ London's theatres, such as the [National Theatre](#)
- ❖ London's art galleries
- ❖ [British Library exhibitions](#)
- ❖ Places of literary, historic interest, such as the [Bronte Parsonage](#) in Haworth

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Tower Poetry Competition](#), run by Christchurch college, Oxford University
- ❖ [Thomas Campion](#) essay competition at Peterhouse College, Cambridge University
- ❖ Potential further competitions at [Oxford University](#)
- ❖ [Foyle Young Poet of the Year Award](#)
- ❖ [Poetry Competitions](#) for young people
- ❖ [English and Media Centre competition](#) (Autumn Term)

Extension Reading

- ❖ Make use of the Library's reading lists
- ❖ [English and Media Centre](#)
- ❖ Search the Books archive for literature suggestions or 'Top Ten' lists from [The Guardian](#)
- ❖ Articles from the English Review and e-Magazine (log-ins from your teacher)

In-school Enrichment Clubs

- ❖ Senior Literary Society
- ❖ Creative Writing Society

Recommended Places to Visit

- ❖ London's theatres, such as the [National Theatre](#)
- ❖ London's art galleries
- ❖ [British Library](#) exhibitions
- ❖ Places of literary, historic interest, such as the [Bronte Parsonage](#) in Haworth



Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [European Day of Languages Quiz](#)
- ❖ [Memrise](#)
- ❖ [Linguatrivia Quiz](#)
- ❖ [Spelling Bee Competition](#)

Extension Reading

- ❖ [Memrise](#)
- ❖ Contes, Romans et Récits
- ❖ Charles Perrault *Contes*
- ❖ Jules Verne *Cinq semaines en ballon*
- ❖ Dumas, P. *Contes à l'envers*
- ❖ Ben Aych, G. *Le Voyage de Mémé*
- ❖ J. Renard, *Poil de Carotte*
- ❖ *Le chat et l'oiseau* de Charles Perrault
- ❖ *L'école* de Maurice Carême

In-school Enrichment Clubs

- ❖ Language Society
- ❖ Film Club
- ❖ Onatti Play

Recommended Places to Visit

- ❖ [French Institute](#)
- ❖ [Wallace Collection](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Modern Languages Competition at Lancaster University](#)
- ❖ [All Languages Competitions](#)
- ❖ [University of London Paris Competition](#)
- ❖ [French Translation Competition at Sheffield University](#)
- ❖ [The Stephen Spender Price for Poetry](#)
- ❖ [Gonville and Caius College Cambridge Essay Prize](#)
- ❖ [Trinity College Cambridge - Linguistics Prize](#)
- ❖ [Newnham College Cambridge Essay Prizes](#)
- ❖ [Oxford Faculty of Medieval and Modern Languages Essay Competition](#)

Extension Reading

- ❖ Guy de Maupassant, *La parure*
- ❖ Colette *Le blé en herbe*
- ❖ André Gide *La porte étroite*
- ❖ Faiza Guène *Kiffe Kiffe demain*
- ❖ Edmond Rostand *Cyrano de Bergerac*
- ❖ Molière *Le malade imaginaire*
- ❖ Guillaume Apollinaire *Le pont Mirabeau*
- ❖ Arthur Rimbaud *Le dormeur du val*
- ❖ Guy Môquet *La lettre*

Extension Listening

- ❖ [20 minutes of French Listening](#)
- ❖ [TV5 monde](#)
- ❖ [Podcasts France Inter l'invité de 8h20](#)
- ❖ [Podcasts France culture](#)
- ❖ [Arte Tv](#)

In-school Enrichment Clubs

- ❖ Cercle Français
- ❖ Language Society
- ❖ Film Club
- ❖ Onatti Play

Academic Workshops

- ❖ [Reading group at the French Institute](#)

Lectures

- ❖ [French Institute Lectures](#)

Recommended Places to Visit

- ❖ [French Institute](#)
- ❖ [Wallace Collection](#)



GEOGRAPHY

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [RGS – Young Geographer of the Year Competition](#)
- ❖ [Geographical Association Physical Photo Competition](#)

Extension Reading

- ❖ Ranulph Fiennes, *Heat*
- ❖ Craig Taylor, *Londoners*
- ❖ Bob Hengeveld, *Wasted Waste*
- ❖ Callum Roberts, *The Ocean of Life*
- ❖ Jacqui Bailey, *Discover London*
- ❖ Greta Thunberg, *No-one is too small to make a difference*
- ❖ *Horrible Geographies Books*
- ❖ *This is Planet Earth*
- ❖ *Pocket World in Figures*
- ❖ *A History of the World in Twelve Maps*

In-school Enrichment Clubs

- Globetrotters Club
- Eco Society

Recommended Places to Visit

- ❖ [Natural History Museum](#)
- ❖ [The Crystal](#) - a Sustainable Cities Initiative

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Geographical Association – Worldwide Competition](#)
- ❖ [RGS – Young Geographer of the Year Competition](#)
- ❖ [Geographical Association Physical Photo Competition](#)
- ❖ [David W Smith Memorial Prize – RGS](#)
- ❖ [School Essay Writing Competition – The RGS and Financial Times](#)
- ❖ [National Schools Geology Challenge Competition](#)

Extension Reading

- ❖ [Discover Downing](#) *fantastic information about podcasts, online lectures, competitions and more*
- ❖ [The National Geographic Magazines](#)
- ❖ Tracey Biram, *World Health*
- ❖ Jared Diamond, *Guns, Germs and Steel*
- ❖ Mary Emerick, *The Geography of Water*
- ❖ Tim Marhsall, *Prisoners of Geography*
- ❖ Tim Marshall, *Divided–Why we’re living in an Age of Walls*
- ❖ Tim Marshall, *Worth Dying For*
- ❖ Danny Dorling, *Population 10 billion and how to survive it*
- ❖ Yuval Noah Harari, *Sapiens: A Brief History of Humankind*

In-school Enrichment Clubs

- ❖ Geography Plus + for the UV
- ❖ Eco Society open to all
- ❖ Geography Plus + for 6th form students

Academic Workshops

- ❖ [Green Careers Conference](#)
- ❖ [Sustainable Summer Schools](#)

Lectures

- ❖ [Social Science Space](#)
- ❖ [LSE Lectures](#)
- ❖ [University of Cambridge](#)
- ❖ [Royal Geographical Society Lectures](#)
- ❖ [Discover Downing Podcasts](#)



GERMAN

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [European Day of Languages Quiz](#)
- ❖ [Memrise](#)
- ❖ [Linguatrivia Quiz](#)
- ❖ [Spelling Bee Competition](#)
- ❖ [Goethe Institute Competitions](#)

Extension Reading

- ❖ [Literature in DaF](#)
- ❖ Emil und die Detektive, Erich Kästner
- ❖ Glück gehabt, Elke Burger, Theo Scherling
- ❖ Die Sommerferien, Paul Rusch
- ❖ Einmal Freunde, immer Freunde, Paul Rusch
- ❖ Kopftuch, Patricia Mennen

Extension Reading

- ❖ [City of Words](#)
- ❖ [Deutsch für Dich](#)
- ❖ [Vocabulary trainer app](#)
- ❖ [A Mysterious Mission](#)

In-school Enrichment Clubs

- ❖ Language Society
- ❖ Onatti Play
- ❖ German Bilingual Club

Recommended Places to Visit

- ❖ [Goethe Institut](#)
- ❖ [German Historical Institute](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Kings College London German writing competition](#)
- ❖ [Modern Languages Competition at Lancaster University](#)
- ❖ [All Languages Competitions](#)
- ❖ [University of London Paris Competition](#)
- ❖ [Gonville and Caius College Cambridge Essay Prize](#)
- ❖ [Trinity College Cambridge - Linguistics Prize](#)
- ❖ [Newnham College Cambridge Essay Prizes](#)
- ❖ [Oxford Faculty of Medieval and Modern Languages Essay Competition](#)
- ❖ [The Stephen Spender Price for Poetry](#)

Extension Reading

- ❖ [Advanced Higher German topics](#) (for A Level)
- ❖ Novellen, Stefan Zweig
- ❖ Der kleine Grenzverkehr, Erich Kästner
- ❖ Anne Frank - aus dem Tagebuch, Anne Frank
- ❖ Die Leiden des jungen Werther, Johann Wolfgang von Goethe
- ❖ Faust, Johann Wolfgang von Goethe
- ❖ Kabale und Liebe, Friedrich Schiller
- ❖ Das Leben ist ein schlechter Spaß, Johann Wolfgang von Goethe
- ❖ Das Mädchen aus der Fremde, Friedrich Schiller

Extension Listening

- ❖ [Deutsch für Dich](#)
- ❖ [Vocabulary trainer app](#)
- ❖ [A Mysterious Mission](#)

In-school Enrichment Clubs

- ❖ Language Society
- ❖ German Bilingual Club
- ❖ Onatti Play

Academic Workshops

- ❖ [A-level German Film and Literature: Student revision day](#)

Lectures

- ❖ [BFI Study Days](#)

Recommended Places to Visit

- ❖ [Goethe Institut](#)
- ❖ [German Historical Institute](#)



HISTORY

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [The Historical Association Historical Fiction Prize and the Joan Blyth Memorial Prize](#) - *Historical fiction submission on any historical topic studied. Open to students in Years 7-9*
- ❖ [Young Quills Awards](#) - *Annual writing competition based on a recently published historical novel. Both to recognise good historical fiction writing for children and young people and also to encourage youngsters to read these books for pleasure. Open to students in Years 7-9*
- ❖ [The Young Historian Awards](#) - *Awards young historians who have shown excellent knowledge and demonstrated historical argument around a subject associated with a series of themes. Open to students in Year 7-9*

Extension Reading

- ❖ University of Oxford [Resource Hub](#)
- ❖ [Oxplore](#)
- ❖ *Pompeii* – Robert Harris
- ❖ *A Little History of the World* – E H Gombrich
- ❖ *The Siege* – Helen Dunmore
- ❖ *The Girl With The Pearl Earring* – Tracey Chevalier
- ❖ *North and South* – Elizabeth Gaskell
- ❖ *The Book Thief* – Markus Zusak
- ❖ *To Kill A Mockingbird* – Harper Lee
- ❖ *I Coriander* – Sally Gardner
- ❖ *No Shame, No Fear* – Ann Turnbull
- ❖ *I Am David* – Anne Holm
- ❖ *The Silver Sword* – Ian Serraillier

In-school Enrichment Clubs

- ❖ Model United Nations
- ❖ Junior Debating

Recommended Places to Visit

- ❖ [The Foundling Museum](#)
- ❖ [The British Library](#) ‘Treasures of the BL’
- ❖ [The National Archives](#)
- ❖ [Imperial War Museum](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [The Young Historian Awards](#)
- ❖ [The Great Debate](#)
- ❖ [The John Locke Institute](#)
- ❖ [The Robson, Oxford University, History Prize](#)
- ❖ [Dukes Education Essay Prize](#)
- ❖ [Gonville & Caius, Cambridge University, Essay Competition](#)
- ❖ [Newnham College, Cambridge University, Essay Prize](#)
- ❖ [Robinson College, Cambridge University, Essay Prize](#)

Extension Reading

- ❖ [Institute of Historical Research](#)
- ❖ University of Oxford's [Resource Hub](#)
- ❖ [History Today](#) (Log in details - Username: FHS History. Password: Plantagenet1819)
- ❖ [Reviews in History](#)
- ❖ Early Modern: C Russell: The Causes of the English Civil War
- ❖ J Levinson & F Schurmann: China: An Interpretative History
- ❖ K Thomas: Religion and the Decline of Magic
- ❖ Evans: The Third Reich in Power
- ❖ Kershaw: Hitler

In-school Enrichment Clubs

- ❖ The Forum (current affairs)
- ❖ History & Politics Society
- ❖ Model United Nations
- ❖ Senior Debating

Academic Workshops

- ❖ British Library [workshops](#)
- ❖ Cambridge University subject [master classes](#)
- ❖ Cambridge University '[Visual Classroom](#)'

Lectures

- ❖ [Intelligence Squared](#)
- ❖ [Gresham College](#)
- ❖ [Historical Association](#)
- ❖ [The London School of Economics](#)



HISTORY OF ART

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [ARTiculation](#) is a nationally acclaimed public speaking initiative designed to promote the appreciation and discussion of visual culture.
- ❖ [Art History Beyond the Page](#)
- ❖ [Write on Art](#)

Extension Reading

- ❖ University of Oxford's [Resource Hub](#)
- ❖ Open University – [Open Art Objects](#)
- ❖ John Berger, *Ways of Seeing*
- ❖ E.H.Gombrich, *The Story of Art*
- ❖ G. Vasari, *Lives of the Artists*
- ❖ J. Summerson, *The Classical Language of Architecture*
- ❖ R. Hughes, *Shock of the New*
- ❖ W. Chadwick, *Women, Art and Society*
- ❖ J. Paoletti & G. Radke, *Art in Renaissance Italy*

Watch

- ❖ [BBC series – What Do Artists Do All Day?](#) This is a series which focusses on one artist per episode. It is 'a day in the life' insight
- ❖ Netflix – Medici
- ❖ [Khan Academy: History of Art](#)
- ❖ [BBC Arts Coverage: The Power of Art; Modern Masters](#)

Academic Workshops

- ❖ [Royal Academy – Access25](#)
- ❖ [Annual Ways of Seeing Conference run by the Association For Art History](#)
- ❖ [Cambridge University Masterclasses](#)

Lectures / Podcasts

- ❖ [Heni Talks](#) – HENI Publishing have launched short art docs on line especially geared to gaining a short insight into Art and Art History
- ❖ [BBC Radio 4 'In Our Time'; 'History of the World in 100 Objects'](#)
- ❖ [Slade Lectures Podcasts](#)
- ❖ [National Gallery's Lecture Programme](#)
- ❖ [V&A Talks Programme](#)
- ❖ [The Lonely Palette](#)
- ❖ [Artcurious](#)
- ❖ [Art Detectives](#)



ICT AND COMPUTER SCIENCE

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Newnham Essay Prize Competition](#)
- ❖ [Cyber Discovery](#) Cyber Discovery is a HM Government-funded, extracurricular programme for UK students aged 13-18
- ❖ [YGD Young Game Designers](#) is an initiative by BAFTA that inspires and supports young people to create, develop and present their new game idea to the world
- ❖ [Google Code-in](#) Pre-university students ages 13 to 17 are invited to take part in Google Code-in
- ❖ [CyberFirst Girls Competition](#) run by the UK National Cyber Security Centre. The CyberFirst Girls Competition is made up of two parts
- ❖ [Grok Code Quest](#) Grok Code Quest is an annual friendly competition run over 5 weeks in November where thousands of secondary school students come together to learn to code.
- ❖ [Grok Web.Comp](#) Web.Comp is an annual friendly competition run over 5 weeks in February where thousands of secondary school students come together to learn web design
- ❖ [Cyber Centurion](#) is aimed at 12-18-year-olds, in teams of 4-6. It is part of [Cyber Security Challenge UK](#), which is “a series of national competitions, learning programmes, and networking
- ❖ The National [Cipher Challenge](#) is a cryptographic competition organised by Southampton University School of Maths

Extension Reading

- ❖ [How to Think Like a Computer Scientist](#)
- ❖ [Python Tutorials](#)
- ❖ Ahmed Haroon, *Cambridge computing: the first 75 years*
- ❖ Guy, *The First Computers*
- ❖ Subrata, *Computer Science: a very short introduction*
- ❖ Dewdney, *The (New) Turing Omnibus: 66 excursions in computer science*
- ❖ Jeremy, *Computational Fairy Tales*
- ❖ Ron, *How Computers Work*
- ❖ Craig, *Internet: Technology, People, Process*
- ❖ CGI, *The Internet of Things for Dummies*
- ❖ Hock, *The extreme searcher’s internet handbook: a guide for the serious searcher*
- ❖ Russell Bryant, *Python: a nuts and bolts guide for teens*
- ❖ Dawson, *Python Programming for the absolute beginner*
- ❖ Andrea Gonzales, *Girl code: gaming, going viral, and getting it done*
- ❖ Reshma, *Girls who code: learn to code and change the world*

In-school Enrichment Clubs

- ❖ Coding Club

Recommended Places to Visit

- ❖ [The National Museum of Computing](#)
- ❖ [Science Museum-Information Age](#)
- ❖ [Centre for Computing History](#)



ITALIAN

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ In school poetry competition
- ❖ European Day of Languages Quiz

Recommended Websites

- ❖ [Ciao Maestra](#)
- ❖ [Zanichelli Benvenuti](#)
- ❖ [Italian Linguadue](#)
- ❖ [Linguascope](#)

Extension Reading

- ❖ Italo Calvino, *Marcovaldo*
- ❖ Carlo Collodi, *Le Avventure di Pinocchio*
- ❖ Niccolò Ammaniti, *Io Non Ho Paura*
- ❖ Alessandro Baricco, *Seta*
- ❖ Alberto Moravia, *Sette Racconti*
- ❖ Dario Fo, *Gli Imbianchini Non Hanno Ricordi*
- ❖ Andrea Camilleri, *Nuove Avventure con Montalbano*
- ❖ Dacia Maraini, *Mio Marito/L'Altra Famiglia*
- ❖ Carlo Cassola, *La Ragazza di Bube*
- ❖ Ignazio Silone, *Vino e Pane*

In-school Enrichment Clubs

- ❖ Language Society
- ❖ Cookery lessons

Recommended Places to Visit

- ❖ [Italian Cultural Institute](#)
- ❖ [Estorick Collection of Modern Italian Art](#)
- ❖ [The National Gallery](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Modern Languages Competition at Lancaster University](#)
- ❖ [All Languages Competitions](#)
- ❖ [University of London Paris Competition](#)
- ❖ [The Stephen Spender Price for Poetry](#)

Extension Reading

- ❖ Niccolò Ammaniti, *Io e Te*
- ❖ Niccolò Ammaniti, *Ti Prendo e Ti Porto Via*
- ❖ Stefano Benni, *Cari Mostri*
- ❖ Enrico Brizzi, *Jack Frusciante è Uscito dal Gruppo*
- ❖ Italo Calvino, *Le Città Invisibili*
- ❖ Andrea De Carlo, *Due di Due*
- ❖ Alessandro D'Avenia, *Bianca Come il Latte Rossa Come il Sangue*
- ❖ Fabio Geda, *Nel Mare Ci Sono I Coccodrilli*
- ❖ Federico Moccia, *Tre Metri Sopra il Cielo*
- ❖ Annalisa Strada, *L'Isola dei Libri Perduti*
- ❖ Susanna Tamaro, *Va Dove Ti Porta il Cuore*

Sixth Form Only

- ❖ Andrea Camilleri, *La Pazienza del Ragno*
- ❖ Lara Cardella, *Volevo I Pantaloni*
- ❖ Grazie Deledda, *Il Segreto dell'Uomo Solitario*
- ❖ Umberto Eco, *Il Nome della Roasa*
- ❖ Oriana Fallaci, *Un Uomo*
- ❖ Beppe Fenoglio, *Il Partigiano Johnny*
- ❖ Ugo Foscolo, *Ultime Lettere di Jacopo Ortis*
- ❖ Niccolò Machiavelli, *Il Principe*

In-school Enrichment Clubs

- ❖ Languages Society

Lectures

- ❖ [Italian Cultural Institute \(lectures\)](#)
- ❖ [UCL Lectures](#)
- ❖ [Book presentations at the Italian Bookshop](#)

Recommended Places to Visit

- ❖ [Italian Cultural Institute](#)
- ❖ [Estorick Collection of Modern Italian Art](#)
- ❖ [The National Gallery](#)



MATHEMATICS

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [UKMT Junior Maths Challenge](#)
Students will be entered in the Junior Maths Challenge to stretch their understanding and apply their knowledge in problem solving contexts.
- ❖ [UKMT Team Challenge](#)
A group of 4 students will be entered for this, there will be open opportunity to attend preparation sessions before the final team is selected
- ❖ [National Cipher Challenge](#)
Annual coding challenge, exploring the applications of cipher used across history to share coded messages
- ❖ [Hans Woyda](#)
A highly selective competition with opportunity for one excellent student in Year 9 to represent the school for a year.

Extension Reading

- ❖ [Parallel Maths Project](#)
- ❖ [NRICH Maths](#)
- ❖ [NumberPhile](#)

In-school Enrichment Clubs

- ❖ Junior Maths Club

Recommended Places to Visit

- ❖ [Science Museum](#)
- ❖ [The Royal Institution](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Newnham Essay Prize Competition](#)
- ❖ [UKMT Intermediate and Senior Maths Challenge](#)
Students will be entered in the Intermediate (Year 10-11) or Senior (Year 12-13) Maths Challenge
- ❖ [UKMT Senior team challenge](#) - *A group of 4 sixth form students will be entered for this FMSP Maths Feast A group of 4 Year 10 students will be entered for this*
- ❖ [National Cyber Challenge](#) - *Annual coding challenge, exploring the applications of cybers used across history to share coded messages*
- ❖ [Hans Woyda](#) - *A highly selective competition with opportunity for one excellent student in each of Year 11, 12 and 13 to represent the school for a year*

Extension Websites

- ❖ [Parallel Maths Project](#)
- ❖ [NumberPhile](#)
- ❖ [NRICH Maths](#)
- ❖ [Underground Mathematics](#) (for A level extension)
- ❖ [Interactive Mathematics Miscellany and Puzzles](#)

Extension Reading

- ❖ Marcus Du Sautoy, The Music of the Primes
- ❖ A. Hodges, Alan Turing, the Enigma
- ❖ Brian Clegg, Infinity The Quest to Think the Unthinkable
- ❖ G H Hardy, A mathematician's apology
- ❖ Ian Stewart, Math hysteria: fun and games with mathematics
- ❖ Kevin Houston, How to Think like a Mathematician
- ❖ Timothy Gowers, Mathematics: a very short introduction
- ❖ Terence Tao, Solving Mathematical Problems

Recommended Places to Visit

- ❖ [Science Museum](#)
- ❖ [The Royal Institution](#)

Lectures

- ❖ University of Oxford Mathematical Institute [Public Lectures](#)
- ❖ [Gresham College](#)
- ❖ [UCL STEP Lectures](#)
- ❖ [London Mathematical Society](#)
- ❖ [LSE Events and Seminars](#)
- ❖ [Festival of the Spoken Nerd](#)



MUSIC

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Newnham Essay Prize Competition](#)

Extension Reading

- ❖ [New Grove Online Articles](#)
- ❖ Grout, Pauly & Palisca *A History of Western Music*
- ❖ J.P.E Harper-Scott & Jim Samson, *An Introduction to Music Studies*
- ❖ Pauly, *Music in the Baroque Period*
- ❖ Griffiths, *The Classical Style* Charles Rosen *Modern Music*
- ❖ Alex Ross, *The Rest is Noise*
- ❖ Cripps, *Popular Music*
- ❖ Tia Del Nora, *Musicology Music In Everyday*
- ❖ Beard & Gloag, *Musicology: The Key Concepts*
- ❖ Nicholas Cook, *Music: A Very Short Introduction*
- ❖ Philip Bohlman, *World Music: A Very Short Introduction*
- ❖ Goodall, *The Story of Music*

Biography/Novels

- ❖ John Elliot Gardner, *Music in the Castle of Heaven: A Portrait of Johann Sebastian Bach*
- ❖ Julian Barnes, *The Noise of Time (Shostakovich)*
- ❖ Sanford Friedman, *Conversations with Beethoven*

Performance Practice

- ❖ Mary Cyr, *Performing Baroque Music*
- ❖ Dibdin, *Early Music Performer*

Extension Listening

- ❖ [Howard Goodall Great Dates](#)
- ❖ [Composer of the Week](#)
- ❖ [The Story of Music](#)
- ❖ [Norton Anthology of Listening](#)
- ❖ [Music Planet](#)

Music Courses

- ❖ [National Schools Children's Orchestra](#)

Recommended Places to Visit

- ❖ [London's Little Opera House' \(King's Head\)](#)
- ❖ [Barbican Music](#)
- ❖ [Royal Festival Hall, Southbank](#)
- ❖ [Wigmore Hall](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Extension Reading and Listening

- ❖ [Howard Goodall Great Dates](#)
- ❖ [Composer of the Week](#)
- ❖ [The Story of Music](#)
- ❖ [Norton Anthology of Listening](#)

Recommended Places to Visit

- ❖ [London's Little Opera House' \(King's Head\)](#)
- ❖ [Barbican Music](#)
- ❖ [Royal Festival Hall, Southbank](#)
- ❖ [Wigmore Hall](#)

Music Courses for Instrument and/or Voice

- ❖ [National Youth Choir](#)
- ❖ [National Youth Orchestra](#)
- ❖ [Royal Academy of Music Masterclasses](#)
- ❖ [Royal College of Music Masterclasses](#)
- ❖ [Eton Choral Course](#)

Extension Reading

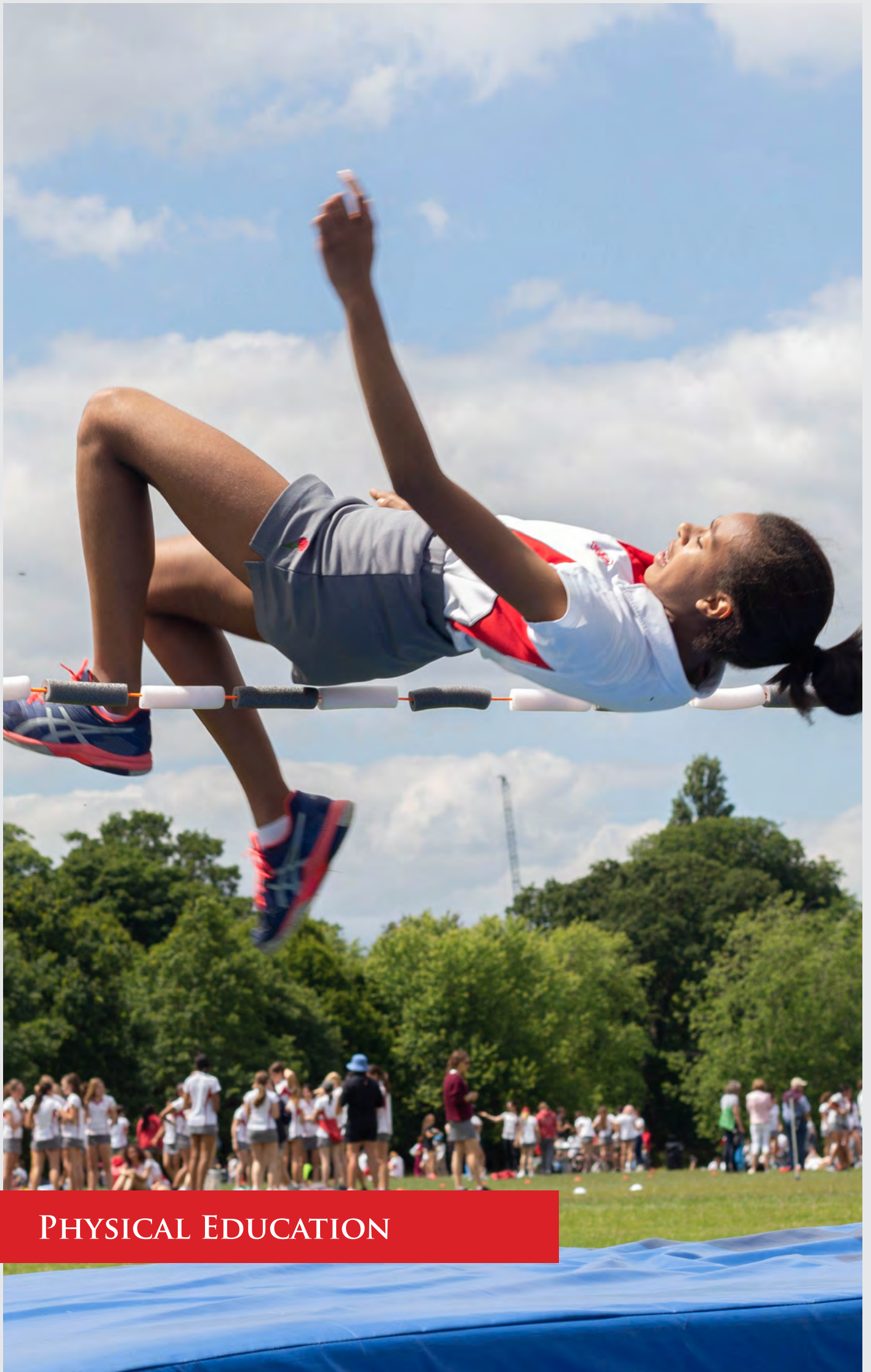
- ❖ [New Grove Online Articles](#)
- ❖ Grout, Pauly & Palisca *A History of Western Music*
- ❖ J.P.E Harper-Scott & Jim Samson, *An Introduction to Music Studies*
- ❖ Pauly, *Music in the Baroque Period*
- ❖ Griffiths, *The Classical Style* Charles Rosen *Modern Music*
- ❖ Alex Ross, *The Rest is Noise*
- ❖ Cripps, *Popular Music*
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Biography/Novels

- ❖ John Elliot Gardner, *Music in the Castle of Heaven: A Portrait of Johann Sebastian Bach*
- ❖ Julian Barnes, *The Noise of Time (Shostakovich)*
- ❖ Sanford Friedman, *Conversations with Beethoven*

Performance Practice

- ❖ Mary Cyr, *Performing Baroque Music*
- ❖ Dibdin, *Early Music Performer*



PHYSICAL EDUCATION

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ Middlesex Netball Tournaments
- ❖ English Schools Cross Country
- ❖ Fixtures and tournaments against other schools
- ❖ Cross Country, Athletics, Gymnastics, Cricket, Hockey and Swimming Competitions
- ❖ Annual Gym and Dance Display
- ❖ Inter-house sporting events – Hockey, Swimming, Netball, Gymnastics, Mini Marathon, Volleyball, Water polo
- ❖ Annual Sports Day
- ❖ Annual House Rounders
- ❖ Sports Tour (every two years)
- ❖ Swim Tour (every two years)

Extension Reading

- ❖ Rachel Ignatofsky, *Women In Sports: 50 Fearless Athletes who played to win*
- ❖ Elijah Zuckerman, *Rising Above: Inspiring Women in Sports*
- ❖ Simone Biles, *Courage to Soar*
- ❖ Aly Raisman, *Fierce: How Competing for Myself Changed Everything*
- ❖ Georgia Amson-Bradshaw, *Incredible Sporting Champions (Brilliant Women)*
- ❖ Anna Kessel, *Eat Sweat Play: How Sport Can Change our Lives*
- ❖ Sarah Shephard, *Kicking Off*

In-school Enrichment Clubs

- ❖ Before school, lunchtime and after school sports club practices and training sessions
- ❖ Yoga
- ❖ Cricket

Specialised Sessions for Talented Athletes

- ❖ Middlesex Netball Club
- ❖ Shooting Club
- ❖ Advanced gymnastics squad
- ❖ Cross County

Recommended Places to Visit

- ❖ [Girls Go Gold Conference](#)
- ❖ [Olympic Stadium, Stratford](#)
- ❖ [Wimbledon Lawn Tennis Club](#)
- ❖ [Wellcome Collection](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ Middlesex Netball Tournaments
- ❖ Sports Fixtures and tournaments against other schools
- ❖ Cross Country, Athletics, Gymnastics, Cricket, Hockey and Swimming Competitions
- ❖ Annual Gym and Dance Display
- ❖ Inter-house sporting events – Hockey, Swimming, Netball, Gymnastics, Mini Marathon, Volleyball, Water polo
- ❖ Annual Sports Day
- ❖ Annual House Rounders
- ❖ Sports Tour (every two years)
- ❖ Swim Tour (every two years)

Extension Reading

- ❖ Rachel Ignatofsky, *Women In Sports: 50 Fearless Athletes who played to win*
- ❖ Elijah Zuckerman, *Rising Above: Inspiring Women in Sports*
- ❖ Simone Biles, *Courage to Soar*
- ❖ Aly Raisman, *Fierce: How Competing for Myself Changed Everything*
- ❖ Georgia Amson-Bradshaw, *Incredible Sporting Champions (Brilliant Women)*
- ❖ Anna Kessel, *Eat Sweat Play: How Sport Can Change our Lives*
- ❖ Sarah Shephard, *Kicking Off*
- ❖ Chrissie Wellington, *A Life Without Limits*
- ❖ Mimi Anderson, *Beyond Impossible*

In-school Enrichment Clubs

- ❖ Netball Goal Shooting Clinic
- ❖ Yoga
- ❖ Cricket

Specialised Sessions for Talented Athletes

- ❖ Middlesex Netball Club
- ❖ Netball Shooting Club
- ❖ Advanced gymnastics squad

Recommended Places to Visit

- ❖ [Girls Go Gold Conference](#)
- ❖ [Olympic Stadium, Stratford](#)
- ❖ [Wimbledon Lawn Tennis Club](#)
- ❖ [Wellcome Collection](#)



PHYSICS

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

In-school Enrichment Clubs

- ❖ Electronics club (III - UVI)
- ❖ Robotics club (III – UVI)
- ❖ Junior Science (LVI, UVI)
- ❖ Universe Club (LV – UVI)
- ❖ Enhancement Physics (III - UVI)
- ❖ [UCL Science Lectures](#)
- ❖ [Smallpiece Engineering Courses](#)

Competitions

- ❖ [British Physics Olympiad](#)
- ❖ [Imperial College London: Science and Innovation Competition](#)
- ❖ [UK Youth Rocketry Challenge: for all ages between 11-18](#)
- ❖ [Young Peoples Trust for the Environment 2020](#)
- ❖ [National Cyber Security Centre, Cyber First Girls Competition 2010](#) - Aimed at Yr 8 students

Extension Reading

- ❖ Susan Nielson, *We are all made of molecules*
- ❖ Anna Claybourne, *The science in a glass of water*
- ❖ Jon Butterworth, *A map of the invisible: particle physics for the curious*
- ❖ C P Snow, *The Physicists: A Generation that changed the World*
- ❖ Clifford A Pickover, *The Physics book: from the beginning to quantum resurrection, 250 milestones in the history of Physics*
- ❖ Don S Lemons, *Seeing Physics*

Websites

- ❖ [Institute of Physics](#)
- ❖ [Science Focus](#)
- ❖ [Royal Society](#)
- ❖ [The London Natural History Museum](#)
- ❖ [Nature](#)
- ❖ [BBC Science and Environment](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [NASA Space Challenge](#)
- ❖ [British Physics Olympiad](#)
- ❖ [Imperial College London: Science and Innovation Competition](#)

Arkwright Engineering Scholarships

- ❖ *The Physics department is affiliated to the prestigious Arkwright scheme and this is open to high achieving Year 11 students who are planning to study Physics and Mathematics at A Level*

Physicist in Residence

- ❖ *Each year the Physics department looks to employ an academic-in residence from a nearby London University to provide support, advice and to lead co-curricular activities within the department as well as assist Sixth Form students with interview practice*

Lectures and Courses

- ❖ [UCL Science Lectures](#)
- ❖ [Headstart Courses](#)
- ❖ [Smallpiece Trust Engineering Courses](#)

Extension Reading

- ❖ JP McEvoy & Oscar Zarate, *A Graphic Guide*
- ❖ Brian Greene, *The Elegant Universe*
- ❖ Andrew M Steane, *Relativity Made Relatively Easy*
- ❖ Richard P. Feynmann, *Six Easy Pieces*
- ❖ Richard P Feynman, *Six Easy Pieces: Essentials of Physics Explained by its Most Brilliant Teacher*
- ❖ Helen Czerski, *Storm in a Teacup*
- ❖ J E Gordon, *Structures: Or why things don't fall down*
- ❖ Simon Singh, *The Big Bang*

In-school Enrichment Clubs

- ❖ Electronics club
- ❖ Robotics club
- ❖ Enhancement Physics
- ❖ Universe Club
- ❖ Medical Society

Websites

- ❖ [Institute of Physics](#)
- ❖ [Science Focus](#)
- ❖ [Royal Society](#)
- ❖ [The London Natural History Museum](#)
- ❖ [Nature](#)
- ❖ [BBC Science and Environment](#)



POLITICS

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Dukes Education Essay Prize](#)
- ❖ [The John Locke Institute](#)
- ❖ [Newnham College, Cambridge University, Essay Prize](#)
- ❖ [Orwell Youth Prize](#)
- ❖ [The Butler Prize](#)
- ❖ [NCH London Essays](#)

Extension Reading

- ❖ [University of Oxford's Resource Hub](#)
- ❖ Benedict Anderson, *Imagined Communities: Reflections on the origins and Spread of Nationalism*.
- ❖ Headley Bull, *The Anarchical Society*
- ❖ Naomi Klein, *No Logo*
- ❖ Greta Thunberg, *No One Is Too Small to Make a Difference*
- ❖ Michelle Obama, *Becoming*
- ❖ Bernard Crick, *Democracy: A Very Short Introduction* Oxford: Oxford University Press.
- ❖ [The New Statesman](#)
- ❖ [The Spectator](#)
- ❖ [The Economist](#)
- ❖ [Prospect Magazine](#)
- ❖ [Opinion Polls](#)
- ❖ [Electoral Reform Society](#)

In-school Enrichment Clubs

- ❖ The Forum
- ❖ History & Politics Society
- ❖ Model United Nations
- ❖ Senior Debating

Academic Workshops

- ❖ British Library [workshops](#)
- ❖ Cambridge University subject [master classes](#)
- ❖ Cambridge University ['Visual Classroom'](#)

Lectures

- ❖ [Intelligence Squared](#)
- ❖ [Gresham College](#)
- ❖ [The London School of Economics](#)



PSYCHOLOGY

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [National Psychology Competition](#)
- ❖ [Newnham Essay Prize Competition](#)
- ❖ [John Locke Institute Essay Competition](#)

Extension Reading

- ❖ Christian Jarrett, *Great Myths of the Brain*
- ❖ Susan Greenfield *The Human Brain: A guided tour*
- ❖ D. Rosenhan *Abnormal Psychology*
- ❖ P B Ainsworth, *Psychology and Crime*
- ❖ D L Gill, *Psychological Dynamics of Sport*
- ❖ Ramachandran & Blakeslee, *Phantoms in the Brain: Human Nature and the Architecture of the Mind*
- ❖ Oliver Sachs, *The Man Who Mistook his Wife for a Hat*
- ❖ Bentall & Beck, *Madness Explained: Psychosis and Human Nature*

Journals

- ❖ [Psychology Today](#)
- ❖ [Scientific American Mind](#)

Extension Viewing

- ❖ [TED Talks, Elizabeth Loftus on eyewitness testimony](#)
- ❖ [What Makes a Murderer?](#)

Recommended places to visit

- ❖ [Freud Museum](#)
- ❖ [Natural History Museum – Human Biology Section](#)

Lectures

- ❖ [Freud Museum Lectures](#)
- ❖ [Gresham Lectures](#)
- ❖ [Intelligence Squared Debates](#)



**RELIGIOUS STUDIES,
PHILOSOPHY & ETHICS**

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [NATRE 'Spirited Arts' Competition](#)
- ❖ [ISRSA essay writing prize](#)

Extension Reading

- ❖ Markus Zusak, *The Book Thief*
- ❖ Randa Abdel-Fattah, *Does My Head Look Big in This?*
- ❖ Judy Blume, *Are You There God? It's Me, Margaret*
- ❖ Anne Frank, *The Diary of A Young Girl*
- ❖ Nigel Warburton, *A Little History of Philosophy*
- ❖ Stephen Law, *The Philosophy Files*
- ❖ Jostein Gaarder, *Sophie's World*
- ❖ Malorie Blackman, *Noughts and Crosses*

In-school Enrichment Clubs

- ❖ Philosophy Society
- ❖ Amnesty International

Recommended Places to Visit

- ❖ [Bhaktivedanta Manor](#)
- ❖ [St Paul's Cathedral](#)
- ❖ [Westminster Abbey](#)
- ❖ [Neasden Temple](#)
- ❖ [The New West End Synagogue](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [RE:view The Cambridge Religion on Film Competition](#)
- ❖ [Logos Institute Essay Writing Competition](#)
- ❖ [ISRSA essay writing prize](#)
- ❖ [John Locke Institute Essay Competition](#)
- ❖ [Corpus Christi College, Cambridge Hoskyn Essay Prize for Theology](#)
- ❖ [New College of the Humanities Essay Competition](#)
- ❖ [Trinity College Cambridge Philosophy Essay Writing Prize](#)

Extension Reading

- ❖ Simon Blackburn, *Think*
- ❖ Bertrand Russell, *A History of Western Philosophy*
- ❖ Robert Rowland Smith, *Breakfast With Socrates*
- ❖ Margaret Atwood, *The Handmaid's Tale*
- ❖ Alister McGrath, *Christian Theology: The Basics*
- ❖ Plato, *Republic*
- ❖ John Stuart Mill, *On Liberty*

In-school Enrichment Clubs

- ❖ Philosophy Society
- ❖ Amnesty International

Recommended Places to Visit

- ❖ [Neasden Temple](#)
- ❖ [The New West End Synagogue](#)
- ❖ [The Holocaust Exhibition at the Imperial War Museum](#)
- ❖ [Highgate Cemetery](#)
- ❖ [Regent's Park Mosque](#)

Lectures

- ❖ [Theos lectures](#)
- ❖ [Lecture series at St Paul's Cathedral](#)
- ❖ [Royal Institute of Philosophy](#)

Podcasts

- ❖ [The Partially Examined Life](#)
- ❖ [Philosophy Bites](#)
- ❖ [In Our Time](#)
- ❖ [Papansycast](#)



SPANISH

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [European Day of Languages Quiz](#)
- ❖ [Memrise](#)
- ❖ [Linguatrivia Quiz](#)
- ❖ [Spelling Bee Competition](#)
- ❖ [Goethe Institute Competitions](#)

Extension Reading

- ❖ 'Todas las hadas del reino' by Laura Gallego
- ❖ 'El asesinato del profesor de matemáticas' by Jordi Sierra i Fabra
- ❖ 'Calla Cándida, Calla' by Maite Carranza
- ❖ 'Momo', by Michael Ende
- ❖ 'Viaje al centro de la tierra', by Julio Verne
- ❖ 'El club de las zapatillas rojas', by Ana Punset
- ❖ 'Discurso del oso', de Julio Cortázar

In-school Enrichment Clubs

- ❖ Language Society
- ❖ Spanish Film Club
- ❖ Onatti Play
- ❖ Tapas Cookery Lesson
- ❖ Flamenco and Salsa Dancing
- ❖ Pen Pal exchange + short videos exchange + video conference exchange

Recommended Places to Visit

- ❖ [Spanish Market](#)
- ❖ [Flamenco Show](#)
- ❖ [BFI in Southbank \(Study Days + Films\)](#)
- ❖ [Instituto Cervantes](#)
- ❖ [Picturehouse Cinemas](#)

Links to a range of opportunities designed to motivate and inspire students outside of lessons can be found below.

Competitions

- ❖ [Modern Languages Competition at Lancaster University](#)
- ❖ [All Languages Competitions](#)
- ❖ [University of London Paris Competition](#)
- ❖ [Gonville and Caius College Cambridge Essay Prize](#)
- ❖ [Trinity College Cambridge - Linguistics Prize](#)
- ❖ [Newnham College Cambridge Essay Prizes](#)
- ❖ [Oxford Faculty of Medieval and Modern Languages Essay Competition](#)
- ❖ [The Stephen Spender Price for Poetry](#)

Extension Reading

- ❖ Carlos Ruiz Zafón, *“El príncipe de la niebla”* (“The Prince of Mist”)
- ❖ Carlos Ruiz Zafón, *“La sombra del viento”* (“The Shadow of the Wind”)
- ❖ Ricardo Alcantara, *“El chamán de la tribu”* (“The Shaman of the Tribe”)
- ❖ Isabel Allende, *“La casa de los espíritus”* (“The House of the Spirits”)
- ❖ Laura Esquivel, *“Como agua para chocolate”* (“Like Water for Chocolate”)
- ❖ Juan José Saer, *“El entonado”* (“The Witness”)

Extension Listening

- ❖ [Study Spanish Language](#)
- ❖ [Audiria](#)
- ❖ [Radio Lingua](#)
- ❖ [Spanish Pod](#)
- ❖ [Spanish Obsessed](#)
- ❖ [Study Spanish](#)
- ❖ [Podcasts In Spanish](#)
- ❖ [Notes In Spanish](#)
- ❖ [Extra Espanol](#)

In-school Enrichment Clubs

- ❖ Language Society
- ❖ Spanish Film Club
- ❖ Onatti Play
- ❖ Tapas Cookery Lesson
- ❖ Flamenco and Salsa Dancing

Lectures and Courses

- ❖ [Instituto Cervantes](#)
- ❖ [Cambridge University Masterclasses for Spanish](#)

Recommended Places to Visit

- ❖ [Spanish Market](#)
- ❖ [Flamenco Show](#)
- ❖ [BFI in Southbank \(Study Days + Films\)](#)
- ❖ [Instituto Cervantes](#)
- ❖ [Picturehouse Cinemas](#)



FRANCIS HOLLAND SCHOOL
REGENT'S PARK

Ivor Place, London NW1 6XR

020 7723 0176

www.fhs-nw1.org.uk

admin@fhs-nw1.org.uk

