

**Year 12 & 13**

**Super Curricular  
Activities**



**BRITISH SCHOOL  
MUSCAT**

Year 12 and 13,

Super-curricular activities are those that take your regular academic curriculum further. They take the subjects you study in the classroom beyond that which your teacher has taught you or what you've done yourself at home for example, you may go into more depth on something you picked up in the classroom, or learn about a new topic altogether.









These activities are normally in the form of extra reading but they can take many other forms, like watching videos online, downloading podcasts, attending lectures, visiting museums or entering academic competitions. Engaging in super curricular activities will help you develop a love for your favourite subject or subjects.

In this booklet, there are a range of activities, suggested by your teachers. This is by no means an exhaustive list but should get you started. I would encourage you to share ideas and opportunities you come across with your teachers so that, over time, the recommended activities in this booklet can grow.

In the future, employers or universities will be interested to hear about what super-curricular activities you have engaged in; they will want to know what you have learnt and how you have taken your love of your chosen subject area further.

We wish you well in your pursuit of super-curricular activities!

























The Sixth Form Team.

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|---|---|
| Read         | Research  |
| Listen       | Website   |
| Visit        | Task      |
| Competition  | Watch     |
















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# Art & Design

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| <p><b>Art of the 20th Century</b><br/>By Jean Louis Ferrier</p>  | <p><b>The Story of Art</b><br/>By EM Gombrich</p>                     | <p><b>The Art Book</b></p>   |
| <p><b>The 20th Century Art Book</b></p>                          | <p><b>Taschen Monographs</b></p>                                      | <p><b>The Artistic Ape - 3 Million Years of Art</b><br/>By D Morris</p>                    |
| <p><b>The Encyclopedia of Artists and Art Terms</b></p>          | <p><a href="#">ArtNews</a></p>                                        | <p><b>Apollo Magazine</b></p>    |
| <p><b>Aesthetica</b><br/>(Mag/Journal)</p>                       | <p><b>Artists' Network</b><br/>(Mag/Journal)</p>                      | <p><b>Hi Fructose</b><br/>(Mag/Journal)</p>    |
| <p><b>City Arts</b></p>                                        | <p><b>Fine Art Connoisseur</b></p>                                  | <p><b>Tate Modern</b></p>    |
| <p><b>MOMA</b></p>   | <p><b>The Lumen Prize for Digital Art</b></p>                       | <p><b>BP Portrait Award</b></p>    |
| <p><b>NordART Exhibition of International Visual Art</b></p>   | <p><b>Royal Academy Summer Exhibition</b></p>                       | <p><b>Guggenheim galleries</b></p>   |
| <p><b>Art Photography Now</b><br/>By Susan Bright</p>          | <p><b>Art, The Definitive Visual Guide</b><br/>By Andrew Dixon</p>  | <p><b>Broad Strokes, 15 Women Who Made Art and Art History</b><br/>By Bridget Quinn</p>  |













# Biology

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| <p><b>The Immortal Life of Henrietta Lacks</b><br/>by Rebecca Skloot<br/>About HeLa cells and the ethics behind it.</p>   | <p><b>'The ancestor's Tale'</b><br/>By Richard Dawkins.</p>   | <p><b>The Tale of the Dueling Neurosurgeons</b><br/>by Sam Kean</p>   |
| <p><b>Biological Sciences Review</b><br/>Articles specifically aimed at A Level, including subject knowledge, how science works, exam technique/reports.<br/>Available in BSM library.</p>  | <p>Create a twitter account, follow 10 relevant Biology organisations e.g. Royal Society of Biology, New Scientist, Nature, BBC Science News etc</p>  | <p>Your own brine shrimp ecosystem <a href="http://www.sea-monkeys.com">http://www.sea-monkeys.com</a></p>  |
| <p>Download and listen to podcast 'The Infinite Monkey Cage'</p>   | <p><b>Doctoring Data</b><br/>By Malcom Kendrick</p>    | <p><b>Oxford University Museum of Natural History</b></p>    |
| <p><b>Bad Science</b><br/>By Ben Goldacre</p>   | <p><b>Kew Gardens, London</b></p>   | <p><b>Science Museum, London</b></p>    |
| <p><b>A Short History of Nearly Everything</b><br/>By Bill Bryson</p>   | <p><b>Blue Planet</b><br/>BBC iPlayer/Netflix</p>   | <p><b>BBC Life</b><br/>BBC iPlayer/Netflix</p>    |
















# Business

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|--|---|--|
| <p><b>Who Runs Britain?</b><br/>By Robert Peston</p>    | <p><b>Good to Great</b><br/>By Jim Collins</p>           | <p><b>Drive</b><br/>By Dan Pink</p>   |
| <p><b>The 7 Habits of Highly Effective People</b><br/>By Stephen R Covey</p>    | <p><b>Too Big to Fail</b><br/>By Andrew Ross Sorkin</p>  | <p><b>Tescopoly: How One Shop Came Out on Top and Why it Matters</b><br/>By Andrew Simms</p>  |
| <p><b>Brick by Brick: How LEGO Rewrote the Rules of Innovation and Conquered the Global Toy Industry</b><br/>By Bill Breen</p>  | <p><b>Mapping Innovation</b><br/>By Greg Satell</p>      | <p><b>Museum of Brands and Branding, London</b></p>   |
| <p><b>Museum of London, Docklands</b></p>   | <p><b>The Corporation (2003)</b></p>                   | <p><b>Enron: The Smartest Guys in the Room (2005)</b></p>                                   |





# Chemistry

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|---|--|---|
| <p><b>Periodic Tales, the Curious Lives of the Elements</b><br/>By Hugh Aldersey Williams</p>  | <p><b>The Science of Everyday Life: Why Teapots Dribble, Toast Burns and Light Bulbs Shine</b><br/>By Marty Jopson</p>  | <p><b>The Disappearing Spoon...and other true tales from the Periodic Table</b><br/>By Sam Kean</p>    |
| <p><a href="#"><u>Crash Course in Chemistry</u></a></p>                                        | <p><a href="#"><u>The Elements Song by Tom Lehrer</u></a></p>   | <p>Create a twitter account, follow 10 relevant Chemistry organisations e.g Royal Society of Chemistry, New scientist, BBC Science news etc</p>  |
| <p><a href="#"><u>Royal Society of Chemistry, Periodic Table Podcast</u></a></p>               | <p><a href="#"><u>Radio Lab</u></a></p>   | <p><a href="#"><u>Diamond Synchrotron in Oxford</u></a></p>    |
| <p><b>Introducing Inorganic and Physical Chemistry</b><br/>By Burrows et al</p>              | <p><b>Chemistry, Matter and the Universe</b><br/>By Richard E Dikerson</p>    | <p><a href="#"><u>Royal Society of Chemistry</u></a></p>   |

























# Computer Science











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| <p><b>Programming in Haskell</b><br/>By Graham Hutton</p>   | <p><b>How to Prove It</b><br/>By Daniel J Velleman</p>   | <p><b>Out of Their Minds</b><br/>By Shasha Lazere</p>    |
| <p><b>The New Turing Omnibus</b><br/>By A Kee Dewdney</p>   | <p><b>Computer Science: An Overview</b><br/>By J Glenn</p>   | <p><a href="#">The Register</a><br/>A British technology news and opinion website. Keep up to date by subscribing and reading news articles regularly.</p>   |
| <p><b>How Google Works</b><br/>by Eric Schmidt &amp; Jonathan Rosenberg<br/>Shines a light on the hiring and operating processes of Google, which have enabled it to come up with great products continuously and stay visionary over the past 17 years.</p>          | <p><b>Algorithms to Live By: The Computer Science of Human Decisions</b><br/>By Brian Christian<br/><br/>A fascinating exploration of how computer algorithms can be applied to our everyday lives.</p>  | <p><a href="#">Mysteries of the mind can be solved: A brain in a supercomputer   Henry Markram</a></p>   |
| <p><a href="#">Tim Berners-Lee: The year open data went worldwide</a></p>   | <p><a href="#">AI at MIT</a>: Take a look at this fascinating series of lectures on Artificial Intelligence by Patrick Winston.</p>    | <p><b>No Touch Interfaces:</b><br/>Forbes ranks no touch interfaces within the top five trends that will drive the future of technology. What can you find out about no touch interfaces? How may they benefit future technological developments?</p>  |
| <p><b>P versus NP problem:</b> This is a major unsolved problem in Computer Science. If the solution to a problem is easy to check for correctness, is the problem easy to solve? What do you know about P vs NP? Do you think this problem will ever be solved?</p>  | <p><a href="#">Spark</a> is an ongoing conversation about our rapidly changing world. Along with you, host Nora Young explores how technology, innovation and design affects our lives.</p>              | <p><a href="#">National Museum of Computing</a><br/>Milton Keynes</p>    |














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| <p><b><u>Programming Throwdown</u></b><br/> offers a general introduction to a wide range of programming-related topics in an interesting and engaging manner.</p>                            | <p><b><u>Advanced JavaScript</u></b><br/> Combine JS, and mathematical concepts to simulate nature in your programs.</p>  | <p><b><u>Artificial Intelligence</u></b><br/> The History of AI<br/> What exactly is AI?<br/> Approaches to AI</p>  |
| <p><b><u>Jeannette M. Wing: Computational Thinking</u></b><br/> Is Computational thinking a fundamental skill you require?<br/> Regardless of whether or not you study Computer Science.</p>  |  |  |

# Dance













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| <p><b>Decentring Dance Text</b><br/>By J Lansdale</p>   | <p><b>Fifty Contemporary Choreographers</b><br/>By M Bremser</p>  | <p><b>Dance History: An Introduction</b><br/>By J Adshead, J Lansdale &amp; J Layson</p>  |
| <p><b>Rethinking Dance History</b><br/>By A Carter</p>  | <p><b>Stranding Out</b><br/>By S Jordan</p>                       | <p><b>The Royal Ballet</b><br/>By Z Anderson</p>    |
| <p><b>The American Musical</b><br/>By P Riddle</p>      | <p><b>20th Century Dance in Britain</b><br/>By J White</p>        | <p><b>The Dancer and the Dance</b><br/>By M Cunningham</p>                                |
| <p><b>Dance Composition</b><br/>By Smith-Autard</p>    | <p><b>Labanotation</b><br/>By Hutchinson Guest</p>               | <p><b>Dance Technique and Injury Prevention</b><br/>By J Howse</p>                       |
| <p><b>Prime Movers</b><br/>By J Mazo</p>              | <p><b>Dancing Times</b></p>                                     | <p><b>Dance Theatre Journal</b></p>   |
| <p><b>Journal of Dance</b></p>                        | <p><b>Dance Magazine</b></p>                                    | <p><b>Dance Research Journal</b></p>    |
| <p><b>Dance Chronicle</b></p>                         | <p><b>Inside Dance</b></p>                                      | <p><b>Dance UK Magazine</b></p>   |
| <p><b>Journal of Dance Education</b></p>              | <p><b>American Journal of Dance Therapy</b></p>                 | <p><a href="#">National Youth Dance Company</a></p>                                     |

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| <p><a href="#"><u>UK Dance Elite Championships</u></a></p>                                        | <p><a href="#"><u>All England Dance Competitions</u></a></p>  | <p><a href="#"><u>One Dance</u></a></p>   |
| <p><a href="#"><u>Move It</u></a><br/>Dance Exhibitions and training</p>                          | <p><a href="#"><u>Dancing Opportunities</u></a></p>           | <p><a href="#"><u>Trinity Laban Summer Schools</u></a></p>                                  |
| <p><b>Nutrition for the Dancer</b><br/>By Z Mastin</p>    | <p><a href="#"><u>Rambert Dance Company</u></a></p>           | <p><b>Fifty Contemporary Choreographers</b><br/>By Martha Bremser &amp; Lorna Sanders.</p>  |
| <p><a href="#"><u>Wayne McGregor: A Choreographer's Creative Progress in Real Time</u></a></p>  |  |  |

# Design & Technology

























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| <p><b>Design and Technology<br/>Product Design</b><br/>By Granger, Potts, Morrison &amp; Sumpner</p>  | <p><b>Advanced D&amp;T</b><br/>By Norman Cubitt, Urry &amp; Whittaker</p>                           | <p><a href="#"><u>Design Museum</u></a></p>                          |
| <p><a href="#"><u>London Design Festival</u></a></p>    | <p><a href="#"><u>Young Design ... - A' Design Award and Competition</u></a></p>                    | <p>Research Elon Musk's plans for sustainable living and design</p>  |
| <p><a href="#"><u>National Science and Engineering Competition</u></a></p>                            | <p><a href="#"><u>Pinterest</u></a><br/>Visit Pinterest and look for a new idea to try at home</p>  | <p><a href="#"><u>The Design and Technology Association</u></a></p>  |
| <p><a href="#"><u>Institution of Mechanical Engineers</u></a></p>                                   | <p><a href="#"><u>Royal Institute of British Architects</u></a></p>                               |   |

## Drama & Theatre Studies

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|---|---|--|
| <p><b>Directing a Play*</b><br/>By McCaffery</p>                     | <p><b>An Actor's Work*</b><br/>By Konstantin Stanislavski</p>    | <p><b>The Good Person of Szechwan*</b><br/>By Bertolt Brecht</p>                              |
| <p><b>Mother Courage and Her Children</b><br/>By Bertolt Brecht</p>  | <p><b>Cat on a Hot Tin Roof*</b><br/>By Tennessee Williams</p>   | <p><b>A Streetcar Named Desire*</b><br/>By Tennessee Williams</p>                             |
| <p><b>Top Girls*</b><br/>By Caryl Churchill</p>                      | <p><b>Journey's End*</b><br/>By R.C Sherriff</p>                 | <p><a href="#">National Theatre</a><br/>Extensive Collection of videos on theatre making</p>  |
| <p><a href="#">National Youth Theatre Auditions</a></p>            | <p><a href="#">National Youth Music Theatre Auditions</a></p>  | <p><b>Brecht on Theatre*</b><br/>By Willett</p>   |

\*Available in BSM Library

# Economics

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|---|---|--|
| <p><b>Capital in the 21st Century</b><br/>By Thomas Piketty</p>              | <p><b>The Shock Doctrine</b><br/>By Naomi Klein</p>                    | <p><b>The State We're In</b><br/>By Will Hutton</p>   |
| <p><b>Freakonomics</b><br/>By Stephen J. Dubner, Steven Levitt</p>           | <p><b>Nudge</b><br/>By Richard Thaler</p>                              | <p><b>Why Nations Fail</b><br/>By Daron Acemoglu and James Robinson</p>                     |
| <p><b>Royal Economics Society Journal</b></p>                                | <p><b>Economics and Econometrics</b></p>                               | <p><b>The Economist</b></p>   |
| <p><b>The Atlantic</b></p>   | <p><a href="#">Royal Economic Society Journals</a></p>               | <p><a href="#">Young Economist of the Year</a></p>                                        |
| <p><b>Freakonomics (2010)</b></p>    | <p><b>Inside Job (2010)</b></p>                                      | <p><b>Inequality for all (2013)</b></p>   |
| <p><b>Bankrupt Britain</b><br/>By Daniel Dorling &amp; Bethan Thomas</p>   | <p><b>The Great Divide</b><br/>By Joseph Stiglitz</p>                | <p><b>The Economics of Football</b><br/>By Stephen Dobson</p>                             |
| <p><a href="#">Bank of England</a></p>                                     | <p><a href="#">Ted Talk: What it Takes to be a Great Leader</a></p>  | <p><a href="#">LSE: Too much Maths, too little History: The problem of Economics</a></p>  |
| <p><b>A Concise Economic History of the World</b><br/>By Cameron Neal</p>  | <p><b>The Growth Map</b><br/>By Jim O'Neil</p>                       | <p><b>The Crunch</b><br/>By Alex Brummer</p>    |

**European Union Economics**  
By Theo Hitris
























**Keynes Hayek: The Clash That Defined Modern Economics**  
By Nicholas Wapshott



**The Price of Inequality**  
By Joseph Stiglitz



# English Literature






















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|---|---|--|
| <p><b>A Dictionary of Literary Terms</b><br/>by Martin Gray</p>    | <p><b>Doing English</b><br/>by Robert Eaglestone</p>   | <p><b>How to Write Better Essays</b><br/>by Bryan Greetham</p>                          |
| <p><b>Oxford concise companion to English Literature</b><br/>by Margaret Drabble &amp; Jenny Stringer</p>  | <p><b>The Ode Less Travelled</b><br/>by Stephen Fry</p>    | <p><b>The Poet's Craft</b><br/>by Sandy Brownjohn</p>                                   |
| <p><b>The Times Literary Supplement</b><br/>a weekly literary review</p>                                   | <p><b>The English Review</b><br/>Topical articles, fresh literary analysis and expert exam advice - monthly magazine (print and online)</p>  | <p><a href="#">University of Oxford, Literature Podcasts</a></p>                        |
| <p><a href="#">English Literature Podcasts</a></p>   | <p><a href="#">COBIS Poetry Competition</a></p>    | <p><a href="#">Hay Festival</a><br/>Held each year in May</p>                         |
| <p><a href="#">BBC Proms Literary Festival</a></p>   | <p><a href="#">Henley Festival</a></p>   | <p><a href="#">Emirates Airline Festival of Literature, Dubai</a></p>                 |
| <p><a href="https://www.theguardian.com/books">https://www.theguardian.com/books</a></p>                 | <p><a href="#">The Women's Prize for Fiction</a></p>   | <p><a href="#">The Booker Prize</a></p>   |
| <p>Subscribe to Times Literary Supplement</p>    | <p>Keep a scrapbook of interesting articles and books you have read</p>    | <p>Set up a blog where you can write about an issue or subject important to you.</p>  |




















# French











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| <p><b>Le Tartuffe</b><br/>Molière</p>            | <p><b>Candide</b><br/>Voltaire</p>                   | <p><b>Boule de suif et autre conte de la guerre</b><br/>Guy de Maupassant</p>  |
| <p><b>L'étranger</b><br/>Alber Camus</p>         | <p><b>Bonjour tristesse</b><br/>Françoise Sagan</p>  | <p><b>Elise ou la vraie vie</b><br/>Claire Etcherelli</p>                      |
| <p><b>Un Sac de Billes</b><br/>Joseph Joffo</p>  | <p><b>Kiffe kiffe demain</b><br/>Faiza Guène</p>     | <p><b>Un secret</b><br/>Phillipe Grimbert</p>                                  |

# Geography


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|--|---|---|
| <p><b>Geography: An integrated approach</b><br/>By David Waugh</p>    | <p><b>Cambridge AS/A Geography</b><br/>Nagle and Guinness</p>                                  | <p><b>Cambridge AS/A Geography</b><br/>Fretwell et al</p>    |
| <p><b>Powerdown: Options and Actions for a Post-Carbon World</b><br/>by Richard Heinberg</p>    | <p><b>Six Degrees: Our Future on a Hotter Planet</b><br/>by Mark Lynas</p>                     | <p><b>Inconvenient Truth</b><br/>Al Gore Human Planet – 8 part BBC documentary series looking at human species interaction with the natural world</p>  |
| <p><b>Slumdog Millionaire</b> - provides an insight into the life of children living in the Indian slums the problems associated here.</p>  | <p><a href="#"><u>GeoResources – Geography website and revision guide</u></a></p>              | <p><a href="#"><u>Geographical Association</u></a></p>   |
| <p><a href="#"><u>National Geographic</u></a></p>   | <p><a href="#"><u>Model United Nations</u></a></p>   | <p><a href="#"><u>World Scholar's Cup</u></a></p>    |
| <p><b>Richter 10</b><br/>By Arthur C Clark and Mike McQuay</p>    | <p><b>Coast: The Journey Continues</b><br/>By Christopher Somerville</p>                     | <p><b>The Day the Island Exploded</b><br/>by Alexandra Pratt</p>   |
| <p><b>Volcano</b><br/>By James Hamilton</p>   | <p><b>The Beach book: Science of the shore</b><br/>by Carl Hobbs</p>                         | <p><b>Coastal Flooding Impacts and Adaptation Measures for Bangladesh</b><br/>By Saquib Ahmed Khan and Ali Hossain</p>                               |
| <p><b>Globalisation and the Environment: Capitalism, Ecology and Power</b><br/>By Peter Newell</p>                                        | <p><b>Remaking London: Decline and regeneration in urban culture</b><br/>By Ben Campkin</p>  | <p><b>London</b><br/>By Edward Rutherford</p>    |

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| <p><b><a href="#">Global Flooding over the next 100 years</a></b><br/>by National Geographic</p>    | <p><b>Zebra Crossing</b><br/>By Meg Vandermerwe</p>   | <p><b>Sovereignty: An evolution of an idea</b><br/>By Robert Jackson</p>   |
| <p><b>The no-nonsense Guide to international migration</b><br/>By Peter Stalker</p>   | <p><b>Expedition Volcano - BBC 4</b><br/>Chris Jackson, Xand Van Tulleken and Aldo Kane take part in an extraordinary expedition to one of the world's most dangerous, spectacular and least known volcanoes also on Geography programmes on <b>Geography Google Classroom for all CODE: 24sz556</b></p>  | <p><b>Wild Arabia</b><br/>BBC documentary<br/>Wildlife documentary series which enters the wilderness of Arabia and reveals a magical cast of characters, from the snow-white oryx to the long-legged jerboa. also on Geography programmes on <b>Geography Google Classroom for all CODE: 24sz556</b></p>  |
| <p><b>The Geography of Bliss (2008)</b><br/>By Eric Weiner</p>    | <p><b>Prisoners of Geography (2015)</b><br/>By Tim Marshall</p>   | <p><b>Worth Dying For (2016)</b><br/>By Tim Marshall</p>   |
| <p><b>In Extremis: The Life and Death of the War Correspondent: Marie Colvin (2018)</b><br/>By Lindsey Hilsum</p>                                       | <p><b>Factfulness</b><br/>By Hans Rosling</p>   | <p><b>Don't Sweat the Small Stuff (there are three books) 1997</b><br/>By Richard Carlson</p>    |
| <p><b>The Tattooist of Auschwitz</b><br/>By Heather Morris</p>    | <p><b>Cilka's Journey (2019)</b> By Heather Morris</p>    | <p><b>Armistice Runner</b><br/>by Tom Palmer</p>   |
| <p><b><u>The Impossible</u></b><br/>Naomi Watts received an Academy Award nomination for Best Actress in a Leading Role for her work in this film.</p>  | <p><b>Everest: from sea to summit</b><br/>by Tim Macartney-Snape</p>    |   |

# German

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| <p><b>Der Vorleser</b><br/>By Bernhard Schlink</p>                                        | <p><b>The Reader</b><br/>By Bernhard Schlink</p>  | <p><b>Der Vorleser Literature Study Guide</b><br/>By Paul Elliott</p>         |
| <p><b>Modern Languages Study Guides: Das Leben der Anderen</b><br/>By Geoff Brammall</p>  | <p><a href="#"><u>Der Spiegel Online</u></a></p>  | <p><a href="#"><u>Practise German free of charge Goethe Institut</u></a></p>  |
| <p><a href="#"><u>Deutsche Welle</u></a></p>    | <p><b>Datsche</b></p>                             | <p><b>Goodbye Lenin</b></p>   |
| <p><b>Lola Rennt</b></p>    |  |  |






















# History

























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| <p><b>Revolutionary Russia, 1891-1991</b> (paper 1)<br/>By Orlando Figes.</p>   | <p><b>The Penguin History of Modern China: The Fall and Rise of a Great Power</b> (paper 2)<br/>By J.Fenby</p>    | <p><b>Heaven's Command (Pax Britannica I) Rise of the British Empire</b> (paper 3)<br/>By J. Morris</p>      |
| <p><b>The Indian Mutiny 1857</b> (paper 4)<br/>By S. David</p>    | <p><b>The Rule of Law</b><br/>By Tom Bingham<br/>(for Law students)</p>   | <p>Read the news, the same event from at least two contrasting newspapers eg. The Times / The Guardian.</p>  |
| <p><b>The Last of the Mohicans</b> (1992)<br/><b>Enemy at the Gates</b> (2001)<br/><b>The Blue Kite</b> (1993)<br/><b>Master and Commander</b> (2003)<br/><b>Empire: What Ruling the World Did to the British</b> (2012)</p>  | <p><a href="#">In Our Time</a><br/><a href="#">History Hit</a><br/><a href="#">Versus History</a><br/><a href="#">Council on Foreign Relations</a></p>  | <p><a href="#">Young Historian Award</a><br/><a href="#">Julia Woods Essay Prize</a></p>                   |
| <p><b>Grand Expectations: The United States, 1945-1974</b><br/>By James Patterson</p>   | <p><b>Restless Giant: The United States from Watergate to Bush vs Gore</b><br/>By James Patterson</p>   | <p><b>The Penguin History of the USA</b><br/>By Hugh Brogan</p>    |
| <p><b>A History of Modern Britain</b><br/>By Andrew Marr</p>    | <p><b>Britain since 1945: The People's Peace</b><br/>By Kenneth Morgan</p>    | <p><b>Hope and Glory Britain: Britain 1900 - 2000</b><br/>By Peter Clarke</p>                              |
| <p><a href="#">Podcast Series: Politics, Reform and War</a></p>   | <p><a href="#">Dan Snow's HistoryHit Podcast</a></p>    | <p><b>Parliamentary Reform 1785-1928</b><br/>By Sean Lang</p>    |
| <p><b>The March of the Women</b><br/>By Martin Pugh</p>   | <p><b>State and Society</b><br/>By Martin Pugh</p>    | <p><b>Better Day Coming</b><br/>By Adam Fairclough</p>   |

**History Today Magazine**













# Mathematics













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| <p><b>Zero: The Biography of a Dangerous Idea.</b><br/>By Charles Seife</p>    | <p><b>Proofs from The Book</b><br/>By Aigner and Ziegler</p>    | <p><b>The Joy of x</b><br/>By Steven Strogatz</p>   |
| <p><b>An Imaginary Tale</b><br/>By Paul Nahin</p>    | <p><b>Fermat's Last Theorem</b><br/>By Simon Singh</p>    | <p><a href="#">Institute of Mathematics &amp; its Applications</a></p>    |
| <p><a href="#">Top Universities Course Guides - Mathematics</a></p>    | <p><b>Seventeen Equations that Changed the World</b><br/>By Ian Stewart</p>   | <p><b>The Man Who Knew Infinity: Life of the Genius Ramanujan</b><br/>By Robert Kanigel</p>   |
| <p><b>The Mathematics of Ciphers: Number Theory and RSA Cryptography</b><br/>By S.C.Coutinho</p>   | <p><b>A History of Mathematics</b><br/>By Carl B Bouger</p>   | <p><b>Paradoxes in Mathematics</b><br/>By Stanley J Farlow</p>    |
| <p><b>The Math Book</b><br/>By Clifford A Pickover</p>   | <p><b>Concepts of Modern Mathematics</b><br/>By Ian Stewart</p>   | <p><b>Things to Make and Do in the Fourth Dimension</b><br/>By Matt Parker</p>    |
| <p><b>Hidden Figures</b> (2016) The story of a team of female African-American mathematicians who served a vital role in NASA during the early years of the U.S. space program.</p>  | <p><b>Julia Robinson and Hilbert's Tenth Problem</b><br/>A one-hour biographical documentary, tells the story of an important American mathematician against a background of mathematical Ideas.</p>  | <p><b>The Imitation Game</b> (2014) During World War II, the English mathematical genius Alan Turing tries to crack the German Enigma code with help from fellow mathematicians.</p>  |
| <p><b>How to Study for a Mathematics Degree</b><br/>By Lara Alcock</p>   | <p><b>Reg Numbers and Proofs</b><br/>By Allenby</p>   | <p><b>Towards Higher Mathematics: A Companion</b><br/>By Richard Earl</p>   |

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| <p><b>How to Think Like a Mathematician</b><br/>By Kevin Houston</p>                             | <p><b>A Concise Introduction to Pure Mathematics</b><br/>By Martin Liebeck</p>               | <p><b>The History of Mathematics</b><br/>By David Burton</p>                                   |
| <p><b>Unknown Quantity - A Real and Imaginary History of Algebra</b><br/>By John Derbyshire</p>  | <p><b>Incompleteness - The Proof and Paradox of Kurt Gödel</b><br/>By Rebecca Goldstein</p>  | <p><b>Hilbert's Challenge</b><br/>By Jeremy Gray</p>   |
| <p><b>A History of Mathematics - From Mesopotamia to Modernity</b><br/>By Luke Hodgkin</p>       | <p><b>Alan Turing: The Enigma</b><br/>By Andrew Hodges</p>                                   | <p><b>The History of Mathematics: A Very Short Introduction</b><br/>By Jacqueline Stedall</p>  |
| <p><b>Able's Proof</b><br/>By Peter Pesic</p>    | <p><b>Julia: A life in Mathematics</b><br/>By Constance Reid</p>                             | <p><b>Mathematics and its History</b><br/>By John Stillwell</p>                                |
| <p><b>The Calculus Story</b><br/>By David Acheson</p>    | <p><b>And All That</b><br/>By David Acheson</p>    | <p><b>Alex's Adventures in Numberland</b><br/>By Alex Bellos</p>                             |
| <p><b>A Brief History of Infinity</b><br/>By Brian Clegg</p>                                   | <p><b>What is Mathematics?</b><br/>By Courant, Robbins &amp; Stewart</p>                   | <p><b>Mathematics: The New Golden Age</b><br/>By Keith Devlin</p>                            |
| <p><b>The Millennium Problems</b><br/>By Keith Devlin</p>                                      | <p><b>The Unfinished Game</b><br/>By Keith Devlin</p>                                      | <p><b>Is Mathematics Inevitable?</b><br/>By Underwood Dudley</p>                             |
| <p><b>Maths 1001</b><br/>By Richard Elwes</p>    | <p><b>Maths in 100 Key Breakthroughs</b><br/>By Richard Elwes</p>                          | <p><b>The Colossal Book of Mathematics</b><br/>By Martin Gardiner</p>                        |






















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| <p><b>Mathematics: A Very Short Introduction</b><br/>By Tim Gowers</p>                   | <p><b>Bach: An Eternal Golden Braid</b><br/>By Hofstadter et al</p>    | <p><b>The Pleasures of Counting</b><br/>By TW Körner</p>                               |
| <p><b>Closing the Gap: The Quest to Understand Prime Numbers</b><br/>By Vicky Neale</p>  | <p><b>The Mathematical Century: The 30 Greatest Problems of the Last 100 Years</b><br/>By Piergiorgio Odifreddi</p>  | <p><b>Cryptography: A Very Short Introduction</b><br/>By Piper, Fred &amp; Murphy</p>  |
| <p><b>How to Solve it</b><br/>By George Polya</p>                                        | <p><b>Mathematical Masterclasses: Stretching the Imagination</b><br/>By Michael Sewell</p>                           | <p><b>The Code Book</b><br/>By Simon Singh</p>   |
| <p><b>Fermat's Last Theorem</b><br/>By Simon Singh</p>                                   |   |   |









# Media Studies

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|---|---|--|
| <p><b>How to Research</b><br/>By Baxter, Hughes &amp; Tight</p>    | <p><b>Visual and Other Pleasures</b><br/>By Mulvey</p>   | <p><b>The Magazines Handbook</b><br/>By McKay</p>   |
| <p><b>Digital Photography Made Easy</b><br/>By Hissey, Pring &amp; Glenwright</p>    | <p><b>Adobe Photoshop - Classroom in a Book</b><br/>Adobe Press</p>                                        | <p><a href="#">Vogue</a></p>    |
| <p><a href="#">Harpers Bazaar</a></p>    | <p><a href="#">Online Adobe Photoshop Workshops</a></p>    | <p>Read a media orientated magazine. (e.g. Empire, Total Film etc.)<br/>Look out for common conventions across these different publications.</p>  |
| <p>Visit the <a href="#">London BFI</a><br/>Take a look at their website to find out about their unique audience opportunities.</p>  | <p>Research a UK based gaming Institution. How does the institution differ from a film institution?</p>  | <p>Research the history of radio. With a specific focus upon the UK and BBC radio.</p>    |






















# Music

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| <p><b>A History of Western Music</b><br/>By Donald J. Grout</p>   | <p><b>The Classical Style: Haydn, Mozart, Beethoven</b><br/>By Charles Rosen</p>   | <p><b>Baroque Music: Music in Western Europe, 1580-1750</b><br/>By John Walter Hill</p>    |
| <p><b>Grove's Dictionary of Music and Musicians</b><br/>Available as an online subscription</p>   | <p><b>Music Composition for Film and Television (Music Composition: Film Scoring)</b> By Lalo Schifrin</p>   | <p><b>The Emerging Film Composer: An Introduction to the People, Problems and Psychology of the Film Music Business</b><br/>By Richard Bellis</p>  |
| <p><b>Complete Guide to Film Scoring: The Art and Business of Writing Music for Movies and TV</b><br/>By Richard Davis</p>   | <p><b>Recording Unhinged: Creative and Unconventional Music Recording Techniques (Music Pro Guides)</b><br/>By Sylvia Massy</p>   | <p><b>Mixing Secrets for the Small Studio (Sound On Sound Presents...)</b><br/>By Mike Senior</p>   |
| <p><b>Balinese Gamelan Music</b><br/>By Michael Tenzer</p>    | <p><b>Music in India: The Classical Traditions</b><br/>By Bonnie C. Wade</p>   | <p><a href="#">BBC Music Magazine</a></p>    |
| <p><a href="#">Classic FM Magazine</a></p>    | <p><a href="#">Sound on Sound Magazine</a></p>   | <p><a href="https://www.worldmusic.net">https://www.worldmusic.net</a></p>   |
| <p>The BBC proms is the biggest music festival of any kind in the world and takes place in London each year. All concerts are broadcast on BBC radio 3 and television.</p>   | <p>BBC radio broadcasts many interesting programmes on all radio stations and is a major supporter of music. BBC radio 3 broadcasts largely classical music; BBC radio 2 popular music, folk music, world music; BBC radio 1 all the latest hits.</p>  | <p>Use Auralia to help train your listening skills.</p>    |

# Physical Education

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|---|---|--|
| <p><b>The Sports Gene</b><br/>By David Epstein</p>                     | <p><b>Bounce</b><br/>By Matthew Syed</p>   | <p><b>The Journal of Applied Physiology, Sport and Society</b></p>  |
| <p><b>Journal of Sport and Exercise Psychology</b></p>                 | <p><b><u>Icarus</u></b><br/>In his Oscar-winning film, an American cyclist plunges into a vast doping scandal involving a Russian scientist -- Putin's most-wanted whistleblower.</p>  | <p><b>Write a coaching plan for any sport</b></p>                   |
| <p>Write a glossary of anatomy and physiology used in your sport.</p>  | <p>Lead a session at a club or in school at a KS3 sports training session.</p>   |  |

# Physics

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| <p><b>Surely you're joking Mr Feynman: Adventures of a curious character</b><br/>By Richard Feynman</p>                           | <p><b>A Short History of Nearly Everything</b><br/>By Bill Bryson</p>                     | <p><b>Moondust: In search of the men who fell to Earth</b><br/>By Andrew Smith</p>                              |
| <p><b>Quantum Theory Cannot Hurt You: Understanding the Mind-Blowing Building Blocks of the Universe</b><br/>By Marcus Chown</p>  | <p><b>Thing explainer: Complicated stuff in simple words</b><br/>By Randall Munroe</p>    | <p><b>Quantum: Einstein, Bohr and the Great Debate About the Nature of Reality</b><br/>By Manjit Kumar</p>      |
| <p><b>Schrodingers Cat: And 49 Other Experiments That Revolutionised Physics</b> (great experiments)<br/>By Adam Hart-Davis</p>  | <p><b>The Physics Book: Big Ideas Simply Explained</b><br/>By DK and Jim Al-Khalili</p>  | <p><b>Ten Physicists Who Transformed Our Understanding of Reality</b><br/>By Rhodri Evans and Brian Clegg</p>  |
| <p><b>Six easy pieces: Essentials of Physics Explained by its Most Brilliant Teacher</b><br/>By Richard Feynman</p>             | <p><b>Universal</b><br/>By Brian Cox and Jeff Forshaw</p>                               | <p><b>We need to talk about Kelvin</b><br/>By Marcus Chown</p>    |
| <p><b>Storm in a Teacup: The Physics of Everyday Life</b><br/>By Helen Czerski</p>    | <p><b>Moon</b> (2009)</p>   | <p><b>Gravity</b> (2013)</p>    |
| <p><b>Interstellar</b> (2014)</p>   | <p><b>The Imitation Game</b> (2014)</p>   | <p><b>Apollo 13</b> (1995)</p>    |
| <p><a href="#"><u>From March - 20 Glider to Hummingbird Drone</u></a></p>   | <p><a href="#"><u>Is Our Universe the Only Universe?</u></a></p>                        | <p><a href="#"><u>The Fascinating Physics of Everyday Life</u></a></p>                                        |

[We Need Nuclear Power to Solve Climate Change](#)



# Psychology
















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| <p><b>The Man who Mistook his Wife for a Hat</b><br/>By Oliver Sacks</p>                                       | <p><b>Nature via Nurture: Genes, experience and what makes us human</b><br/>By Matt Ridley</p>  | <p><b>Opening Skinner's Box</b><br/>By Lauren Slater</p>                                   |
| <p><b>The Memory Illusion: Remembering, Forgetting, and the Science of False Memory</b><br/>By Julia Shaw</p>  | <p><b>Psych Experiments</b><br/>By Michael Britt</p>    | <p><b>Behave</b><br/>By Robert M Sapolsky</p>    |
| <p><b>Psychology Today</b></p>   | <p><b>One Flew Over The Cuckoo's Nest (1975)</b></p>    | <p><b>The Experiment (2010)</b></p>    |
| <p><b>Girl Interrupted (1999)</b></p>    | <p><a href="#"><u>Extreme OCD Camp</u></a><br/>By BBC</p>                                     | <p><b>Rain Man (1988)</b></p>    |
| <p><b>The Games People Play: The Psychology of Human Relationships.</b><br/>By Eric Berne</p>                | <p><a href="#"><u>Year 12 National Psychology Competition</u></a></p>                         | <p><a href="#"><u>Ted Talk: How Reliable is Your Memory By Elizabeth Loftus</u></a></p>  |
| <p><a href="#"><u>Ted Talk: The Psychology of Tyranny: Did Milgram Get It Wrong?   Alex Haslam</u></a></p>   | <p><a href="#"><u>Ted Talk: Philip Zimbardo: The psychology of evil</u></a></p>               | <p><b>Good Will Hunting (1997)</b></p>   |
| <p><b>12 Angry Men (1957)</b></p>    | <p><b>Memento (2000)</b></p>    | <p><a href="#"><u>Case Study: HM - The Man who Couldn't Remember</u></a><br/>By BBC</p>  |
| <p><a href="#"><u>Julian Rotter and Locus of Control</u></a><br/>By BBC</p>   | <p><a href="#"><u>B.F Skinner and Superstition in the Pigeon</u></a><br/>By BBC</p>  | <p><b>Blink</b><br/>By Malcolm Gladwell</p>   |

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| <b>How the Mind Works</b><br>By Steve Pinker<br> |   |   |





# Spanish

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| <p><b>La Casa de Bernarda Alba</b><br/>By Federico Garcia</p>   | <p><b>Crónica de una muerte anunciada</b><br/>By Gabriel Márquez</p>   | <p><b>Como agua para chocolate</b><br/>By Laura Esquivel</p>    |
| <p><b>Réquiem por un campesino español</b><br/>By Ramón J Sender</p>    | <p><b>La sombra del viento</b><br/>By Carlos Ruiz Zafron</p>   | <p><b>La casa de los espíritus</b><br/>Isabel Allende</p>   |
| <p><b>Bécquer Rimas</b><br/>By Gustavo Adolfo</p>   | <p><b>Las Bicicletas son para el verano</b><br/>By Fernado Fernán-Gómez</p>    | <p><b>El Otro árbol de Guernica</b><br/>By Luis de Castresana</p>   |
| <p><b>El Coronel no tiene quien le escriba</b><br/>By Gabriel Garcia Márquez</p>    | <p><a href="#">El País</a> or <a href="#">El Mundo</a> and note down 20 new items of vocabulary.</p>   | <p>Watch the daily news online:<br/><a href="http://www.telecinco.es/informativos/">http://www.telecinco.es/informativos/</a><br/><a href="http://www.canalsur.es">www.canalsur.es</a></p>  |
| <p><b>Film suggestions:</b><br/>Volver<br/>Ocho apellidos vascos<br/>Abel<br/>Las treces rosas<br/>María, llena eres de gracia</p>  | <p>Spanish Radio on-line:<br/><a href="http://www.rtve.es/rne/envivo.htm">www.rtve.es/rne/envivo.htm</a><br/><a href="http://www.topradio.es/">www.topradio.es/</a></p>  | <p>Research the possibility of working in Spain.</p>    |

