

Cross-curricular reading list

Please find below some suggested reading materials for different subject areas. Obviously this is outside subject content, and the school and class teachers have not read every single of these books - but we hope that it might trigger some interesting finds.

Please be aware that some of these texts deal with sensitive issues and topics. Please check the subject content and age appropriateness before reading.

	The Business and Finance Department's recommended reads:
Key Stage 3	Teenpreneur: How to build a business in your teens by Lawson Lawson, Mr Errol ISBN-10 : 0957386915 Business for Beginners - For Beginners by Rose Hall (author), Lara Bryan (author), Kellan Stover (illustrator) Cash: How to Earn It, Save It, Spend It, Grow It, Give It by Rashmi Sirdeshpande (author), Adam Hayes (illustrator)
Key Stage 4	Be a Young Entrepreneur by Adam Sutherland ISBN-13 : 978-0750298353 Elon Musk: How the Billionaire CEO of SpaceX and Tesla is shaping our future by Ashlee Vance ISBN-13 : 978-0753555644 The Modern Guide to Stock Market Investing for Teens: How to Ensure a Life of Financial Freedom Through the Power of Investing by Alan John
Key Stage 5	Richard Branson: The Force Behind Virgin: Insight and Analysis into the Life and Successes of Sir Richard Branson (Billionaire Visionaries) by JR Mac Gregor ISBN : 1948489821 The Lean Startup by Eric Ries ISBN-13 : 978-0670921607 What is the Economy?: Everyday Economics and Why it Matters to You by Joe Richards and Beth Leslie
	Design and Technology Department's recommended reads:
Key Stage 3	How things work by Usborne Marvellous Machines: A Magic Lens Book by Jane Wilsher and Andres Lozano Inventors: Incredible stories of the world's most ingenious inventions by Robert Winston
Key Stage 4	Green World (Viewpoints) by Houghton ISBN: 9780749625795

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	How Was That Built? by Roma Agrawal Built: The Hidden Stories Behind Our Structures by Roma Agrawal
Key Stage 5	Starck by Ed Mae Cooper ISBN: 9783836521086 Design Museum: Contemporary Design by Catherine McDermott 50 Product Designs: Process by Jennifer Hudson
	The Photography Department's recommended reads:
Key Stage 4	Tate: The Photography Ideas Book: Inspiration and Tips Taken from Over 80 Photos (The Art Ideas Books) Paperback – 17 Oct. ISBN-10 : 1781576661
Key Stage 5	The Photography Storytelling Workshop: A five-step guide to creating unforgettable photographs Paperback – 27 Oct. 2020 ISBN-10 : 0711254702 Photos that changed the world by Peter Stephan ISBN: 9783791382371
	The Art Department's recommended reads:
Key Stage 3	The 50 modern artists you should know ISBN 978 3 7913 4470 6 The Illustrated Story of Art by DK We Are Artists by Kari Herbert
Key Stage 4	The Elements of Colour by Johannes Itten ISBN 0 412 38390 The Artist's Complete Book of Drawing Projects Step-by-Step by Barrington Barber
Key Stage 5	The Elements of Colour by Johannes Itten ISBN 0 412 38390 https://www.tate.org.uk/art/podcasts
	The Geography Department's recommended reads:
Key Stage 3	Horrible Geography series of books by Anita Ganeri The Boy who Cycled the World by Alastair Humphreys Ladybird Expert Series: 'Plate Tectonics' by Iain Stewart

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	<p>Shackleton by Ben Saunders</p> <p>Climate Change by Charles, Prince of Wales</p> <p>Evolution by Steve Jones</p> <p>How bad are bananas? by Mike Berners-Lee</p> <p>Explorer magazine</p>
Key Stage 4	<p>Prisoners of Geography, Worth Dying For and Divided by Tim Marshall</p> <p>National Geographic Magazine</p> <p>Touching the Void- Scholastic Version</p> <p>No One Is Too Small to Make a Difference by Greta Thunberg</p>
Key Stage 5	<p>The Economist magazine</p> <p>National Geographic Magazine</p> <p>Factfulness: Ten Reasons We're Wrong About The World - And Why Things Are Better Than You Think, Sceptre by Hans Rosling</p> <p>Into Thin Air by Jon Krakauer</p> <p>There Is No Planet B: A Handbook for the Make or Break Years by Mike Berners-Lee</p> <p>Divided: Why We're Living in an Age of Walls by Tim Marshall</p> <p>When the Rivers Run Dry: The Global Water Crisis and How to Solve It by Fred Pearce</p>
	The Science Department's recommended reads:
Key Stage 3	Horrible Science collection by Nick Arnold
Key Stage 4	Percy Jackson books by Michael Crichton, Stephen Hawking
Key Stage 5	<p>Physics: 'Storm in a Teacup: The physics of everyday life' by Helen Czerski</p> <p>Why does $E=mc^2$? by Brian Cox and Jeff Forshaw</p> <p>Breakfast with Einstein by Chad Orzel</p> <p>How to teach quantum physics to your dog by Chad Orzel</p>

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	Chemistry: 'Periodic Tales: The Curious Lives of the Elements' by Hugh Aldersey-Williams
	The History Department's recommended reads:
Key Stage 3	Knights Free by Rosemary Sutcliffe Anglo-Saxon Boy by Tony Bradburn Fire, Bed and Bone by Henrietta Branfield Sun of York by Ronald Welch Treason by Berlie Doherty A Traveller in Time by Alison Uttley Six Apprentices by Leon Garfield Freedom by Catherine Johnson A Tale of Two Cities by Charles Dickens My Name is Victoria by Lucy Worsley Things a Bright Girl Can Do by Sally Nicholls The Skykarks War by Hillary McKay Medal for Leroy by Michael Morpurgo Goodnight, Mr Tom by Michelle Magorian The Boy in the Striped Pyjamas by John Boyne A child of the Cold War: Code Name Kitten by Cathy O'Bryan Horrible Histories series Usborne History of Britain series Simple History series A Really Short History of Nearly Everything by Bill Bryson

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	<p>The Changing Power of the British Monarchy by Ben Hubbard</p> <p>Guts and Glory: The American Revolution by Ben Thompson</p> <p>The Age of Revolutions by Anne Millard</p> <p>The Story of Slavery by Sarah Courtauld</p> <p>Heroes of the Battlefield by Brian Williams</p> <p>Diary of a Young Girl by Anne Frank</p> <p>What Should She Do? by Kate Woodwood</p> <p>The Clever Teens Guide to the Cold War series</p>
Key Stage 4	<p>Execution by S.J. Parris</p> <p>State of Treason by Paul Walker</p> <p>God Save the Spy by John Ellsworth</p> <p>From the Ashes by Marion Kummerow</p> <p>The Berlin Tunnel by Roger L. Liles</p> <p>The Secrets We Keep by Lara Prescott</p> <p>Berlin Vertigo by Christopher P Jones</p> <p>The Infiltrators by Norman Ohler</p> <p>Letters from the Trenches: A Soldier of the Great War by Bill Lamin</p> <p>Rise and Fall of the Nazis: A photographic record of the Third Reich and its downfall by Claire Welch</p> <p>The Book Thief by Markus Zusak</p> <p>Alone in Berlin by Han Fallada</p> <p>Fatherland by Robert Harris</p> <p>The man in the high castle by Philip K Dick</p>

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	<p>The Greatest Benefit to Mankind: A medical history of humanity by Roy Porter</p> <p>Saw bones by Catherine Johnson</p> <p>All Quiet on the Western Front by Erich Maria Remarque</p> <p>Dawn Dusk Both by Eve Edwards</p> <p>Poppy and Poppy in the Field by Mary Hooper</p> <p>Going Over by Beth Kephart</p> <p>The Origins of the Cold War by Martin McCauley</p> <p>Beware, Princess Elizabeth by Carolyn Meyer</p> <p>The Time Travellers Guide to Elizabethan England by Ian Mortimer</p> <p>The Berlin Wall: A World Divided 1961-1989 by Frederick Taylor</p>
Key Stage 5	<p>DISCLAIMER: The topics we study at A Level deal with some quite difficult topics, therefore some of these books also deal with quite challenging topics. Please check before your read if you are unsure.</p> <p>Midwives of the Revolution: Female Bolsheviks and women workers in 1917 by Jane McDermid and Anna Hillyar</p> <p>The Good women of China: Hidden Voices by Xinran</p> <p>Mao: The Unknown Story by Jung Chang and Jon Halliday</p> <p>The Tragedy of Liberation by Frank Dikotter</p> <p>Mao's Great Famine by Frank Dikotter</p> <p>The Cultural Revolution by Frank Dikotter</p> <p>Wild Swans by Jung Chang</p> <p>Balzac and the little Chinese seamstress by Dai Sijie</p> <p>Red Scarf Girl by Ji-Li Jiang</p> <p>The British journal for military history https://bjmh.gold.ac.uk/</p>

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	Britain and her Army by Corelli Barnett Redcoat or Tommy by Richard Holmes Revolutionary Russia 1891-1991 by Orlando Figes A history of 20 th century Russia by Robert Service Ten days that shook the world by John Reed Doctor Zhivago by Boris Pasternak The Girl from the Metropol Hotel by <u>Ludmilla Petrushevskaya</u> Nina Kosterina: A young communist in Stalinist Russia by Jennifer Phillips
	The Food and Nutrition Department's recommended reads:
Key Stage 3	Cooking Step by Step by DK Activities Grow, forage and make by Alys Fowler and Heidi Griffiths Science we can eat by Stefan Gates Incredible Edibles by Stefan Gates Hungry by Grace Dent
Key Stage 4	Toast by Nigel Slater Quentins by Maeve Binchy The Hundred Foot Journey by Richard C Morais How Food Works by Dorling Kindersley
	The Maths Department's recommended reads:
Key Stage 3	How to be a Maths Whizz by Dr Anne-Marie Imafidon MBE The Number Devil by Hans Magnus Enzensberger The 'Uncle Albert' Series by Russell Stannard Alex's Adventures in Numberland by Alex Bellos A Mathematical Pandora's Box by Brian Bolt

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Key Stage 4	<p>Hello World: How to be Human in the Age of the Machine by Hannah Fry</p> <p>Beyond Infinity: An expedition to the outer limits of the mathematical universe by Eugenia Cheng</p> <p>The Code Book by Simon Singh</p> <p>The Monty Hall Problem: Beyond Closed Doors by Rob Deaves</p> <p>Humble Pi: A Comedy of Maths Errors by Matt Parker</p> <p>How To Make The World Add Up: Ten Rules For Thinking Differently About Numbers by Tim Harford</p>
Key Stage 5	<p>Saving Bletchley Park by Dr Sue Black</p> <p>How long is a piece of string? by Rob Eastaway and Jeremy Wyndham</p> <p>Mathematics: The New Golden Age by Keith Devlin</p>
	The ICT and Computer Science Department's recommended reads:
Key Stage 3	<p>Beginner's Step-by-Step Coding Course: Learn Computer Programming the Easy Way by DK</p> <p>Get Coding! Learn HTML, CSS, and JavaScript and Build a Website, App, and Game - Get Coding! by Young Rewired State (author), Duncan Beedie (illustrator)</p> <p>100 Things to Know About Numbers, Computers & Coding - 100 Things to Know</p> <p>Coding for Beginners: Using Scratch - Coding for Beginners by Jonathan Melmoth</p>
Key Stage 4	<p>Creative Coding in Python: 30+ Programming Projects in Art, Games, and More by Sheena Vaidyanathan</p> <p>Google It: A History of Google Kindle Edition by Anna Crowley</p> <p>Game On!: Video Game History from Pong and Pac-Man to Mario, Minecraft, and More by Dustin Hansen</p> <p>Python for Teenagers: Learn to Program like a Superhero! by James R. Payne</p>
Key Stage 5	<p>Computer Science Principles: The Foundational Concepts of Computer Science by Mr. Kevin P Hare</p> <p>The Code Book by Simon Singh</p> <p>Hello World by Hannah Fry</p>

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	Algorithms to Live By by Brian Christian
	The Drama Department's recommended reads:
Key Stage 3	Fantastic Beasts: The Crimes of Grindelwald - The Original Screenplay J. K. Rowling Write Your Own Scripts - Write Your Own (Usbourne) by Andrew Prentice Blood Brothers by William Russell Impro by Keith Johnstone Peter Pan by JM Barrie
Key Stage 4	1984 by George Orwell Into the woods by John Yorke Technical Theatre for Nontechnical People by Drew Campbell 1984 play script by Icke and Macmillan
Key Stage 5	The Theatre and its double by Antonin Artaud On Theatre by Bertolt Brecht The trial/Metamorphosis/In the penal colony by Steven Berkoff The Empty Space by Peter Brook The Director's Craft: A Handbook for the Theatre by Katie Mitchell Performance: A Critical Introduction by Marvin A. Carlson
	The Music Department's recommended reads:
Key Stage 3	The Right Way to Read Music: Learn the basics of music notation and theory by Harry and Michael Baxter Theory Matters Pupil Book: (Theory Matters) by Marian Metcalfe Adventures in Music Book 1: (Adventures in Music) by Roy Bennett
Key Stage 4	20th Century Music by Robert.P Morgan Start a Band by Matt Anniss

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	<p>The History of Modern music by Matt Anniss</p> <p>Music Dictionary by Roy Bennett</p> <p>Music Theory in Practice by Eric Taylor</p>
Key Stage 5	<p>History of Music (Cambridge Assignments in Music) by Roy Bennett</p> <p>A History of Western Music by Donald Jay Grout</p>
	The P.E Department's recommended reads:
Key Stage 3	<p>You are Awesome: Find your confidence to be good at anything by Matthew Syed ISBN: 9781526361158</p> <p>Dare to Be You: Defy Self-Doubt, Fearlessly Follow Your Own Path and Be Confidently You by Matthew Syed ISBN: 1526362376</p> <p>Stephen Curry: The Boy Who Never Gave Up by Antony Curcio ISBN: 9781537010342</p>
Key Stage 4	<p>Women in Sport: Fifty Fearless Athletes Who Played to Win by Rachel Igotofsky ISBN: 9781526360922</p> <p>You are a Champion - How to be the best you can be by Marcus Rashford ISBN: 9781529068177</p> <p>Mud, Sweat and Tears - Junior Edition by Bear Grylls ISBN: 9780552566391</p>
Key Stage 5	<p>Bounce: The Myth of Talent and the Power of Practice by Matthew Syed ISBN: 9780007350544</p> <p>Legacy by James Kerr ISBN: 9781472103536</p> <p>Sport Inc: Why money is the winner in the business of sport by Ed Warner ISBN: 978-1787290129</p>
	The Social Science Department's recommended reads:
Key Stage 5	<p>DISCLAIMER: Please be aware that some of these texts deal with sensitive issues which might upset some readers.</p> <p><i>The Social Animal</i> by Elliot Aronson (2011) - Social psychology</p>

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	<p><i>The Lucifer Effect</i> by Philip Zimbardo (2008) - Social psychology/obedience/Stanford Prison Experiment</p> <p><i>Wasted</i> by Marya Hornbacher (2009) - Eating disorders, bipolar disorder, self harm; reference to abuse in the home</p> <p><i>Man and His Symbols</i> by Carl Jung (1968) - Symbolism/dream analysis</p> <p><i>Behind the Shock Machine</i> by Gina Perry (2013) - Social psychology/obedience/Milgram's experiments</p> <p><i>The 'Wolfman' and Other Cases</i> by Sigmund Freud and Gillian Beer (2009) - Psychodynamic approach</p> <p><i>The Psychopath Test: A Journey Through the Madness Industry</i> by Jon Ronson – Mental Health</p> <p><i>Games People Play: The Psychology of Human Relationships</i> by Eric Berne – Reference to sexual relationships</p> <p><i>Thinking, Fast and Slow</i> by Daniel Kahneman – Thinking and decision making</p> <p><i>What Mental Illness Really Is... (and what it isn't)</i> by Lucy Foulkes – Mental health</p> <p><i>One Flew Over the Cuckoo Nest</i> – Ken Kesey domestic abuse, child abuse, self harm, suicide, swearing/racial slurs</p> <p>Journals British Journal of Psychology The Journal of Psychology Journal of Abnormal Psychology Psychological Review Psychological Bulletin Psychological Medicine Journal of Personality and Social Psychology Journal of Child Psychology and Psychiatry</p>
	The MFL Department's recommended reads:
Key Stage 3	<p>El Principito by Antoine de Saint-Exupéry ISBN: 6070730534</p> <p>Le Petit Prince by Antoine de Saint-Exupéry</p>

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	10 Bilingual Fairy Tales in French and English: Improve your French or English reading and listening comprehension skills by Charles Perrault (Author), Ginny Jackson (translator)
Key Stage 4	Short Stories in Spanish for Beginners: Read for pleasure at your level, expand your vocabulary and learn Spanish the fun way! by Olly Richards ISBN: 9781473683259 French Short Stories for Beginners: 20 Captivating Short Stories to Learn French & Grow Your Vocabulary the Fun Way! by Lingo Mastery French: Short Stories for Beginners + French Audio Vol 2: Improve your reading and listening skills in French. Learn French with Stories: Volume 2 by Frederic Bibard