



### Sixth Form Wider Reading List

<p>If you are studying these subjects or are interested in studying them at university:</p>	<p>Give these books a read:</p>
<p><b>Art</b></p>	<p>A World History of Art (Hugh Honour and John Fleming)          Art and Fear: Observations on the Perils (and Rewards) of Artmaking (David Bayles)          Art History And Its Methodologies (Eric Fernie)          Critical Terms For Art History (Robert Nelson and Richard Shiff)          Drawing on the Right Side of the Brain (Betty Edwards)          I Was Vermeer: The Forger Who Swindled The Nazis (Frank Wynne)          Nineteenth-Century Art: A Critical History (Stephen F. Eisenman)          The American Leonardo: A Tale of 20th Century Obsession, Art and Money (John Brewer)          The Art Of Art History (Donald Preziosi)          The Power Of Art (Simon Schama)          The Shock of the New (Robert Hughes)          The Story of Art (Ernst Gombrich)          This Is Modern Art (Matthew Collings)          Understanding And Investigating Art (Rod Taylor)          Ways Of Seeing (John Berger)</p>
<p><b>Biology</b></p>	<p>50 Genetic Ideas You Really Need To Know (Mark Henderson)          A Short history of Nearly Everything (Bill Bryson)          Creation: The Origin of Life (Adam Rutherford)          Genome (Matt Ridley)          Great Myths of the Brain (Christian Jarrett)          How We Live and Why We Die: The Secret Life of Cells (Lewis Wolpert)          Junk DNA (Nessa Carey)          Language of the Genes (Steve Jones)          Life on the Edge: Quantum Biology (Jim Al-Khalili and Johnjoe MacFadden)          The Extended Phenotype (Richard Dawkins)          The Gene – An Intimate History (Siddhartha Mukherjee)          The Greatest Show on Earth (Richard Dawkins)          The Selfish Gene (Richard Dawkins)          The Single Helix (Steve Jones)</p>

	<p>The Sixth Extinction: An Unnatural History (Elizabeth Kolbert) The Wisdom of the Genes (Christopher Wills)</p> <p>Zoobiquity (Barbra Natterson-Horowitz and Kathryn Bowers)</p>
<b>Business</b>	<p>Billions of Entrepreneurs: How China and India Are Reshaping Their Futures and Yours (Tarun Khanna)</p> <p>Business Stripped Bare: Adventures of a Global Entrepreneur (Sir Richard Branson)</p> <p>How I Made It: 40 Successful Entrepreneurs Reveal How They Made Millions (Rachel Bridge) No Logo (Naomi Klein)</p> <p>Sun Tzu - The Art of War for Managers: 50 Strategic Rules Updated for Today's Business (Gerald A. Michaelson)</p> <p>The 7 Habits of Highly Effective People (Stephen Covey) The Google Story (David A. Vise)</p> <p>The Hard Things About Hard Things (Ben Horowitz) The Intelligent Investor (Benjamin Graham)</p> <p>The Millionaire Next Door (Thomas Stanley and William Danko) The Shock Doctrine (Naomi Klein)</p> <p>The Tipping Point: How Little Things Can Make a Big Difference (Malcolm Gladwell)</p> <p>The Toyota Way: 14 Management Principles from the World's Greatest Manufacturer - Jeffrey Liker</p> <p>Zero to One (Blake Masters and Peter Thiel)</p>
<b>Chemistry</b>	<p>50 Ideas You Really Need to Know About Chemistry (Hayley Birch) A Guidebook to Mechanism in Organic Chemistry (Peter Sykes) Bad Science (Ben Goldacre)</p> <p>Chemistry for Changing Times (John Hill, Terry McCreary and David Kolb) Mendeleev's Dream: The Quest for the Elements (Paul Strathern) Nature's Building Blocks (John Emsley)</p> <p>Organic Chemistry (Jonathan Clayden, Nick Greeves, Stuart Warren, Peter Wothers) Periodic Tables: The Curious Life of the Elements (Hugh Aldersty-Williams)</p> <p>Physical Chemistry (Peter Atkins and Julio de Paula) The Chemistry of Life (Steven Rose)</p> <p>The Disappearing Spoon: And Other True Tales of Madness, Love, and the History of the World from the Periodic Table of the Elements (Sam Kean)</p> <p>The Periodic Kingdom (Peter Atkins) The Periodic Table (Primo Levi) The Periodic Table: A Field Guide to the Elements (Paul Parsons and Gail Dixon)</p> <p>The Science of Everyday Life: Why Teapots Dribble, Toast Burns and Light Bulbs Shine (Marty Jopson)</p>

	<p>The Shocking History of Phosphorus: A Biography of the Devil's Element (John Emsley) What is Chemistry (Peter Atkins) Why Chemical Reactions Happen (James Keeler and Peter Wothers)</p>
<b>Computer Science</b>	<p>Accidental Empires (Robert X Cringely) Algorithms to Live By (Brian Christian) An Introduction to Algorithms (Thomas Cormen, Charles Leiserson, Ron Rivest and Clifford Stein) Artificial Intelligence: A Modern Approach (Stuart J Russell and Peter Norvig) Computer Science: A Modern Introduction (Les Goldschlager and Andre Lister) Cracking the Coding Interview (Gayle Laakmann McDowell) Harley Hahn's Student Guide to Unix (Harley Hahn) Real World Microsoft Access Database Protection and Security (Garry Robinson) The Age of Surveillance Capitalism (Shoshana Zuboff) The Emperor's New Mind (Roger Penrose) The Mythical Man-month (Frederick P Brooks) The New Turing Omnibus (A Kee Dewdney) The Pleasures of Counting (Tom Körner) Trigger Happy: The Inner Life of Videogames (Stephen Poole)</p>
<b>Economics</b>	<p>22 Things They Didn't tell You About Capitalism (Ha-Joon Chang) Capital in the Twenty-first Century (Thomas Piketty) Economics Rules: Why Economics Works, When It Fails, and How To Tell The Difference (Dani Rodrik) Freakonomics (Steven Levitt and Stephen J. Dubner) Grave New World: The End of Globalisation. (Stephen D. King) Hard Times: Inequality, Recession and Aftermath (Anthony Heath and Tom Clark) How the West Was Lost: 50 years of Economic Folly and the Stark Choices Ahead (Dambisa Mayo) Intuition Pumps and Other Tools for Thinking (Daniel Dennett) Poor Economics (Abhijit Banerjee and Esther Duflo) Superfreakonomics (Stephen J. Dubner and Steven Levitt) The Ascent of Money (Naill Ferguson) The End of Poverty: How We Can Make it Happen In Our Lifetime (Jeffery Sachs) The Great Divide (Joseph Stiglitz) The Lexus and The Olive Tree: Understanding Globalisation (Thomas Friedman) The Logic Manual (Volker Halbach) The Political Economy of Industrial Policy (Ha-Joon Chang) The Price of Inequality: How Today's Divided Society Endangers Our Future (Joseph Stiglitz) The Undercover Economist (Tim Harford) Wealth of Nations (Adam Smith) What Money Can't Buy: The Moral Limits of the Market (Michael Sandel)</p>

	<p>Who Cooked Adam Smith's Dinner? A Story About Women and Economics (Katrine Marçal) Winner Takes All: China's Race for Resources and What It Means for the World (Dambisa Moyo)</p>
<p><b>English Literature</b></p>	<p>A Room of One's Own (Virginia Woolf) Affinity (Sarah Waters) Autobiography of Alice B Toklas (Gertude Stein) Crime and Punishment (Fyodor Dostevsky) Dracula (Bram Stoker) Fahrenheit 451 (Ray Bradbury) Frankenstein (Mary Shelley) Ghosts (Henrik Ibsen) Heart of Darkness (Joseph Conrad) Jane Eyre (Charlotte Bronte) Mary Barton (Elizabeth Gaskell) Mrs Dalloway (Virginia Woolf) Of Mice and Men (John Steinbeck) Oliver Twist (Charles Dickens) Outer Dark (Cormac McCarthy) Plays (Shakespeare) Poetry (Elizabeth Barrett Browning) Poetry (Emily Dickinson) Rebecca (Daphne DuMaurier) Slade House (David Mitchell) Tell-Tale Heart (Allen Poe Edgar) Tess of the D'Urbervilles (Thomas Hardy) The Divine Comedy (Alighieri Dante) The Great Gatsby (F Scott Fitzgerald) The Lady of Shallot (A. Tennyson) The Prime of Miss Jean Brodie (Muriel Sparks) There but for the (Ali Smith) Times Arrow (Martin Amis) To His Coy Mistress (Andrew Marvell) White Noise (Don Delilo) Wuthering Heights (Emily Bronte)</p>

<p><b>History</b></p>	<p>A Concise Companion to History (Ulinka Rublack) Birth of the Modern World (C.A Bayly)  Britons: Forging a Nation (Linda Colley)  Coming of Age in Mississippi (Anne Moody)  Empires and Barbarians (Peter Heather) Imperium (Ryszard Kapuscinski)  Parting the Waters: America in the King Years 1954-1963 (Taylor Branch) Silk Roads (Peter Frankopan)  Sleepwalkers (Christopher Clark)  The British Problem 1534-1707 (John Morrill)  The Conversion of Europe: From Paganism to Christianity (Richard Fletcher) The English National Character (Peter Mandler)  The Fall of Rome: And the End of Civilization (Bryan Ward-Perkins)  The Great Sea (David Abulafia)  The Men Who Lost America (Andrew O’Shaughnessy) The Romanovs (Montefiore)  The Tattooist of Auschwitz (Heather Morris)  The Time Traveller’s Guide to Medieval England (Mortimer)  The Winter Kings – Henry VII (Penn)</p>
<p><b>Geography</b></p>	<p>A Blueprint for Survival (Edward Goldsmith)  Belching Out the Devil: Global Adventures with Coca-Cola (Mark Thomas) Capitalism as if the Earth Mattered (Jonathon Porritt)  Climate Wars: The Fight For Survival As The World Overheats (Gwynne Dyer) Earth From Space (Andrew Johnston)  Earth, An Intimate History (Richard Fortey) Future Shock (Alvin Tofler)  Globalism and Regionalism (Jonathon Porritt)  Jungle: A Harrowing True Story of Survival (Yossi Ghinsberg)  Population Geography (Huw Jones)  Reading Rocks (Brenda Maddox)  Rethinking Global Governance (Mark Beeson) Surviving Extremes (Nick Middleton)  The Global casino (Nick Middleton)  The Revenge of Gaia: Why the Earth is Fighting Back – and How we Can Still Save Humanity (James Lovelock)  The Skeptical Environmentalist (Bjorn Lomborg)  The White Tiger (Aravind Adiga)</p>

<p><b>Mathematics</b></p>	<p>17 equations that changed the world (Ian Stewart) A Mathematician's Apology (G. H. Hardy) Alex's Adventures in Numberland: Dispatches from the Wonderful World of Numbers (Alex Bellos) Algebra and Geometry (Alan Beardon) Chaos, Making a New Science (James Gleick) Does God Play Dice and Nature's Numbers (Ian Stewart) Easy as Pi (Oleg Ivanov) Elastic Fishponds. The Maths that Governs our World (Richard Elwes) Fermat's Last Theorem (Simon Singh) Hidden Connections, Double Meanings (David Wells) In Code (Sarah Flannery) It Must be Beautiful: Great Equations of Modern Science (Graham Farmelo) Just Six Numbers (Martin Rees)</p>
	<p>Makers of Mathematics (Stuart Hollingdale) Mathematics: The Golden Age (Keith Devlin) Numbers, Sets and Axioms (A. G. Hamilton) Our Mathematical Universe (Max Tegmark) The Music of the Primes (Marcus du Sautoy) The Norm Chronicles (David Spiegelhalter and Michael Blastland) The Problems of Mathematics, Nature's Numbers, From Here to Infinity, Game, Set and Math and The Magical Maze (Ian Stewart) The Universe and the Teacup – the Maths of Truth and Beauty (K.C. Cole) Thinking in Numbers: On Life, Love, Meaning, and Math (Daniel Tammet) Weapons of Math Destruction (Cathy O'Neill) What is Mathematics? (Courant and Robbins) About Time (Adam Frank) An Astronaut's Guide to Life on Earth (Chris Hadfield) Calculating the Cosmos (Ian Stewart) Chaos (James Gleick) Constants of Nature (John D. Barrow) Fermat's Last Theorem (Simon Singh and David Rintoul) How to Teach Quantum Physics to Your Dog (Chad Orzel) Just Six Numbers (Martin Rees) QED: The Strange Theory of Light and Matter (Richard Feynman) Quantum (Manjit Kumar) Ripples in Spacetime (Govert Schilling) Seven Brief Lessons on Physics (Carlo Rovelli) Six Easy Pieces (Richard Feynman) Smashing Physics: inside the World's Biggest Experiment (Jon Butterworth) The Ascent of Gravity (Marcus Chown) The Character of a Physical Law (Richard Feynman) The Drunkards Walk: How Randomness Rules Our Lives (Leonard Mlodinow) The Elegant Universe (Brian Greene)</p>

	The Pleasure of Finding Things Out (Richard Feynman)
<b>Psychology</b>	<p>How the Mind Works (Steven Pinker) Musicophilia (Olivier Sacks)  One Flew Over the Cuckoos nest (Ken Kesey) Predictably Irrational (Dan Ariely)  Rock-Breaks-Scissors: A Practical Guide to Outwitting Almost Everybody (William Poundstone) The Confidence Game (Maria Konnikova)  The Curious Incident of the Dog in the Night Time (Mark Haddon)  The Lost Boys: Inside Muzafer Sherif's Robbers Cave Experiment (Gina Perry) The Man Who Mistook His Wife for a Hat (Olivier Sacks)  The Memory Illusion: Remembering, Forgetting, and the Science of False Memory (Julia Shaw) The Power of Habit (Charles Duhigg)  The Psychopath Test (Jon Ronson)  The Red Queen: Sex and the Evolution of Human Nature (Matt Ridley) The Science of the Mind and Behaviour (Richard Goss)  Thinking Fast and Slow (Daniel Kahneman)</p>
<b>Sociology</b>	<p>Dead White Men and Other Important People (Angus Bancroft) In Search of Respect: Selling Crack in El Barrio (Phillipe Bourgois) Lord of the Flies (William Golding)  The Corner: A Year in the Life of an Inner-City Neighbourhood (David Simon)  The Cult Files: True Stories from the Extreme Edges of Religious Belief (Chris Mikul) The Establishment, and How They Get Away With It (Owen Jones)  The God Delusion (Richard Dawkins) Things Fall Apart (Chinua Achebe)  Wasted: Why Education Isn't Educating (Frank Furedi)</p>