



Cheltenham College
Sixth Form Reading List

Summer 2011

Introduction

This is a list of general reading for pupils who have either embarked already on their A level studies, or for those 5th Formers about to join the Lower Sixth. Various Heads of Department have gathered these lists together.

None of these books is necessarily related to AS or A2 courses, but are high quality books that will encourage thought and enrich knowledge. Some may appear on reading lists provided by other members of staff for subject-specific reading, while many will not. Some have no relation to the courses we study but are of interest.

If you are considering reading a particular subject at University then this extra reading is essential to providing the depth and extra work that is imperative in the increasingly competitive university entry process. Books you have read and thought about are one of the keys to an excellent personal statement. Further to that, reading for the love of it is an end in itself.

These are by no means an exhaustive list and not all departments are represented as this is a new document – if you want subject-specific reading, please contact the relevant Head of Department, or me directly.

Mr J Pepperman
Head of Sixth Form

13th September, 2011

Biology

ATTENBOROUGH, David **Life on Earth** London: Collins
Based on the TV series this book attempts to give us a history of nature rather than a natural history, and is told as much as possible in terms of animals and plants. It covers the evolution of life from the smallest microscopic multi-celled creatures to man.

DAWKINS, Richard **River out of Eden** London: Phoenix
The river of Dawkin's title is a river of DNA, flowing through time from the beginning of life on earth to the present. This is the story of how evolution happens, rather than a narrative of what has actually happened in evolution.

JONES, Steve **The language of genes** London:Flamingo
Commissioned by the BBC to deliver the Reith Lectures in 1991, Steve Jones has used them as the basis for this book which argues that the evolution of our genes may be compared to the evolution of language. This book shows readers how close we are to success in the search for our origins.

GOODHALL, Jane **In the shadow of man** London: Phoenix
In her classic account of primate research, Jane Goodall provides a detailed and absorbing account of the early years of her field study of, and adventures with, chimpanzees in Tanzania.

CARSON, Rachel **Silent Spring** London: Penguin
Silent Spring is Rachel Carson's bestselling, scientifically passionate exposure of the effects of the indiscriminate use of chemicals. She describes how pesticides are applied to farms, forests and gardens, with scant regard to the consequences.

LOVELOCK, James **Gaia: medicine for an ailing planet**
London: Gaia Books
Explaining how life creates and continues to maintain the condition of the planet for its continued survival, Lovelock explores critical issues in Gaia, questioning whether Earth can remain the perfect planet for humans and for life itself.

WOLPERT, Lewis **The triumph of the embryo** Oxford: OUP
This book for the general reader addresses the fundamental and important biological question: how is it that a single cell, the fertilized egg, gives rise to the complete forms that make up the adult? How does one cell give rise to millions of cells, many of very different specialized functions and how is it that the patterns are so stable and repeatable generation after generation?

KARLEN, Arno **Plague's progress: a social history of man and disease** London: Phoenix
A tide of new epidemics is rising around the world: AIDS, Lyme diseases and "mad cow" disease are just a few of dozens. Travel and trade are making the world a global village for microbes, and even new medical technology is creating new infections. Arno Karlen explains why this is happening and how looking to the past can help us cope with the new plagues.

Dawkins, Richard **The greatest show on Earth** London: BlackSwan
'The Greatest Show on Earth' is a stunning counter-attack on creationists, followers of Intelligent Design and all those who question evolution as a scientific fact. In this brilliant tour de force Richard Dawkins pulls together the incontrovertible evidence that underpins it: from living examples of natural selection to clues in the fossil record; from plate tectonics to molecular genetics.

Chemistry

BALL, Philip

Elegant solutions: ten beautiful experiments in chemistry; Molecules

Suitable: General reader

Where does beauty reside in experimental chemistry? Offering ten suggestions of what may be the most beautiful experiments in chemistry, Philip Ball provides an insight into the way chemists think and work, and demonstrates how what they do affects the rest of science and the wider world.

KEELER, James and WOTHERS, Peter

Why chemical reactions happen

OUP

Suitable: Intending Chemistry undergraduate

By tackling the most central ideas in chemistry 'Why chemical reactions happen' provides the reader with all the tools and concepts needed to think like a chemist. A unified approach to the subject helps the reader to develop a real overview of chemical processes.

GARFIELD, Simon

Mauve

London: Faber & Faber

Suitable: General reader

'Mauve' is the beguiling story of a man who invented a colour, and in the process transformed the world around him. The book will appeal to anyone interested in popular histories of science, society and fashion.

EMSLEY, John

Molecules of murder

The Elements of Murder

Cambridge

Suitable: General reader

Taking the reader on a journey of discovery into the world of dangerous organic poisons, these titles describe ten highly toxic molecules which are of particular interest due to their use in notorious murder cases.

ATKINS, Peter

Galileo's finger

OUP

Suitable: Intending undergraduates in Maths & Science

Galileo, one of whose fingers is preserved in a vessel displayed in Florence, provided much of the impetus for modern science, pointing the way out of medieval ignorance. In this brilliant account of the central ideas of contemporary science, Peter Atkins celebrates the effectiveness of Galileo's symbolic finger for revealing the nature of our universe, our world and ourselves.

Royal Society of Chemistry

The age of the molecule

Cambridge

Suitable: Chemistry A level & intending undergraduates

The achievements and excitement of chemistry are evident in everyday life. Scientific research has led to cures for serious diseases and has offered profound insights into nature. This book describes the key developments in the molecular sciences.

GREENBERG, Arthur

The art of chemistry: myths, medicines and materials

Suitable: Chemistry A level

This volume presents thematic sections featuring a pictorial history of chemistry accompanied by short essays. It examines a number of modern concepts and cutting-edge research topics as they are applied to themes that have existed from the beginning of this field of science.

DAWKINS, Richard (ed.)

The Oxford book of modern science writing OUP

Suitable: A level Science

Selected and introduced by Richard Dawkins, 'The Oxford Book of Modern Science Writing' is a celebration of the finest writing by scientists for a wider audience - revealing that many of the best scientists have displayed as much imagination and skill with the pen as they have in the laboratory.

TIMBRELL, John **The poison paradox: chemicals as friends and foes**

Suitable: Intending undergraduates in Medicine, Pharmacy,
Pharmacology, Biochemistry, Chemistry, Biology

Every day we are surrounded by chemicals that are potentially harmful. Some of these we take intentionally in the form of drugs; some we take unknowingly through the food we eat and the environment around us. The author explores what makes particular chemicals harmful, what their effects are, and how we can test for them.

WOTHERS, Peter **How Chemical Reactions Happen**

Suitable: advanced; potential university entrants

Mr Jones notes that James Hope (S, 2005) did Nat Sci at Cambridge and says that had he read this book before going into 1st year, the course would have been much, much easier. Peter Wothers is a fellow and tutor at St. Catherine's.

Critical Thinking

- DEWEY, John **How We Think**
- COTTRELL, Stella **Critical Thinking Skills: Developing Effective Analysis and Argument** (Palgrave Study Skills)
- THOULESS, Robert H. **Straight and Crooked Thinking**
- EHRENREICH, Barbara **Smile or Die: How Positive Thinking Fooled America and the World**
- DAWKINS, Richard **The God Delusion**
- WILSON, Andrew **Deluded by Dawkins? A Christian Response to the God Delusion**
- RINILOLO, Todd C. **When Good Thinking Goes Bad: How Your Brain Can Have a Mind of Its Own**
- MADSEN PIRIE, D **How to Win Every Argument: The Use and Abuse of Logic**
- MATHER SAUL, Jennifer **Feminism: Issues and Arguments**
- SPARGO, John **The Socialists: Who They Are and What They Stand For: The Case for Socialism Plainly Stated**
- MACHA, Tibor R. **Capitalism and Individualism: Reframing the Argument for a Free Society**
- MURRAY, Douglas **Neoconservatism: Why We Need it**
- AMANN, Joseph Minton and BREUER, Tom
Fair and Balanced, My Ass!: An Unbridled Look at the Bizarre Reality of Fox News

Economics

"The purpose of studying Economics is not to arrive at a set of answers to a given set of questions; rather it is to learn how to avoid being deceived by economists." (Joan Robinson)

Recommended for Econ and Management students (Ox) and Economics (Cambridge)

- TALEB, N **The Black Swan: The Impact of the Highly Improbable** ISBN: 0713999950
- CARMICHAEL, F A **Guide to Game Theory** ISBN: 0273684965
- LANDSBURG, S **More Sex Is Safer Sex: The Unconventional Wisdom of Economics**
- McCRAW, TK **Prophet of Innovation: Joseph Schumpeter and Creative Destruction** ISBN: 0674025237
- GALBRAITH, JK **The Great Crash of 1929** ISBN: 0140136096 *and other works by Galbraith*
- ANDERSON, C **The Long Tail: How Endless Choice Is Creating Unlimited Demand** ISBN: 184413850X
- BEINHOCKER, E **The Origin of Wealth: Evolution, Complexity and the remaking of Economics** 0712676619
- COYLE, D **The Soulful Science: What Economists Really Do and Why It Matters** ISBN: 0691125139
- DIXIT, A and NALEBUFF, B **Thinking Strategically** Norton: 0393310353
- ORMEROD, P **Why Most Things Fail** Faber and Faber, ISBN: 0571220126

Recommended for PPE students

- MADSEN PIRIE, D **How to win every argument** ISBN: 0826490069
- CRICK, B **In Defence of Politics** Continuum, ISBN: 0826487513
- WOLFF, J **Introduction to Political Philosophy** ISBN: 019929609X
- HODGES, W **Logic** ISBN: 0140136363
- FRIEDMAN, B **The Moral consequences of Growth** 0679448918
- MILL, John Stuart **On Liberty** ISBN: 0192833847

MILLER, D	Political Philosophy: A Very Short Introduction ISBN: 0192803956
SCOTT, J.C.	Seeing like a State ISBN: 0300078153
MARX, K	The Communist Manifesto ISBN: 1898876983
LAW, S	The Philosophy Gym ISBN: 0747232717
MACHIAVELLI, N	The Prince ISBN: 019280426X
BLACKBURN, S	Think: A Compelling Introduction to Philosophy ISBN: 0192854259
BLACKBURN, S	Truth: a Guide for the Perplexed ISBN: 0141014253
NAGEL, T	What does it all mean? ISBN: 0195174372
BAGGINI, J	What is it all about? ISBN: 1862077800

Recommended for students without an Economics background

DASGUPTA, P	Economics: A Very Short Introduction ISBN: 0192853457
SEN, Amartya	Development as Freedom ISBN: 0192893300
ELLIOTT, L and ATKINSON, D	Fantasy Island ISBN: 1845296052
COLLIER, P	The Bottom Billion: Why the Poorest Countries Are Failing and What Can Be Done About It ISBN: 0195311450
SMITH, D	The Dragon and the Elephant: China, India and the New World Order ISBN: 1861978154
HARFORD, T	The Undercover Economist OUP, ISBN: 0349119856

Oxbridge reading on the Internet

In addition to the reading list above there is a wealth of contemporary comment and analysis pieces available through the internet and also in published magazines (some of which are accessible online). The following are particularly recommended for students intending to read for PPE and/or Economics and Management.

PPE

Prospect Magazine: http://www.prospect-magazine.co.uk/landing_page.php See also <http://blog.prospectblogs.com/>

Spectator Magazine: <http://www.spectator.co.uk/> See also <http://www.spectator.co.uk/coffeehouse/>

The Economist: www.economist.com

New Statesman: <http://www.newstatesman.com/>

Comment pieces by Anatole Kaletsky (the archetypal “contrarian”!):
http://www.timesonline.co.uk/tol/comment/columnists/anatole_kaletsky

Economics and Management

Articles on management and business strategy by John Kay:
<http://www.johnkay.com/recent/>

Articles on business and economics trends by Hamish McRae:
http://comment.independent.co.uk/columnists_m_z/hamish_mcr/

Financial Times comment and analysis <http://www.ft.com/comment>

David Smith’s Blog (Sunday Times)
<http://www.economicsuk.com/blog/>

New Economist Blog http://neweconomist.blogs.com/new_economist/

Times online business news
<http://business.timesonline.co.uk/tol/business/>

Remember to read the Economist every week!

English Literature

16th & 17th Century Drama

SHAKESPEARE	Titus Andronicus; Macbeth; The Tempest; Twelfth Night
KYD, Thomas	The Spanish Tragedy
MARLOWE, Christopher	Tamburlaine
JONSON, Ben	The Alchemist

18 & 19th Century Novels

AUSTEN, Jane	Pride and Prejudice
DEFOE, Daniel	Moll Flanders
BURNEY, Frances	Evelina
BRADDON, Mary Elizabeth	Lady Audley's Secret
COLLINS, Wilkie	The Woman in White
HARDY, Thomas	Jude the Obscure; Tess of the D'Urbervilles
ELIOT, George	The Mill on the Floss
BRONTE, Charlotte	Jane Eyre
DICKENS, Charles	Hard Times; Great Expectations
STOKER, Bram	Dracula
CHOPIN, Kate	The Awakening
FLAUBERT, Gustave	Madame Bovary

20th Century Novels

WHARTON, Edith	The Age of Innocence; The House of Mirth
PERKINS GILMAN, Charlotte	The Yellow Wallpaper
CONRAD, Joseph	The Secret Agent; Heart of Darkness
FORD, Ford Madox	The Good Soldier
FRY, Stephen	The Liar
JOYCE, James	Dubliners
SWIFT, Graham	Waterland
McEWAN, Ian	Enduring Love
MORRISON, Toni	Beloved
SALINGER, J.D.	Catcher in the Rye
HUXLEY, Aldous	Brave New World
ORWELL, George	Nineteen Eighty-Four
ASHWORTH, Andrea	Once in a House on Fire

Poetry

DANTE	Inferno
DONNE, John	The Holy Sonnets
WORDSWORTH	Lyrical Ballads
BLAKE, William	Songs of Innocence and of Experience
HARDY, Thomas	Selected Poems
ELIOT, T.S.	The Waste Land and Other Poems

THOMAS, Edward,	The Poems of Edward Thomas
THOMAS, R.S.,	Song at the Year's Turning
THOMAS, Dylan,	Collected Poems
HUGHES, Ted	Birthday Letters
LARKIN, Philip	High Windows
MacCAIG, Norman	Selected Poems
CLARKE, Gillian	Collected Poems
DUFFY, Carol Ann	Mean Time
SHEERS, Owen	The Blue Book; Skirrid Hill

History

This is a list of general reading for pupils studying History in the Upper College. I have tried to group them into country or topic and have included a number of novels or autobiographical accounts as well.

Some of the titles have no relation to the courses we study but may be of interest. The historical novel, in fashion of late, is good, but it is not highly academic reading; if you want to read novels, try reading something written at the time. To help you some are suggested below.

For those of you who don't know what you are studying next year, maybe top up your knowledge on something you have done already, or read the literature of the time. There are also several 'what is history' tomes here. None are too heavy, and all are fairly easy to dip into. Or just read something that interests you.

If you are considering reading History at University (a daunting thought for those of you who haven't started your A levels yet, I know) then this is your work experience. Books you have read and thought about are one of the keys to an excellent personal statement.

This is by no means an exhaustive list and I would love to hear about your recommendations – Pupils' ideas are of particular interest.

JOMP
24th June 2011

Britain

GUY, John **Tudor England**
Excellent academic but accessible account. Does exactly what it says on the tin.

CARPENTER, Christine **The Wars of the Roses**
Interesting and analytical account of the C15th, while retaining chronology to make it accessible.

LONGFORD, Paul **A Polite and Commercial People:
England, 1727-83**
A wide ranging history of Britain from George II to the loss of America.

O'GORMAN, Frank **The Long 18th Century**
From Glorious Revolution to Great Reform Act, the complexities of the period are all covered in this excellent volume.

HILTON, Boyd **A mad, bad and dangerous people?
England 1783-1846**
The key book on this period currently – especially for those of you who want to follow others on the Trinity College, Cambridge route.

HAGUE, William **William Wilberforce**
*My he does write engagingly. The life of Britain's most famous anti-slavery
campaigner. If you like this, add Simon SCHAMA's Rough Crossings, which
is excellent.*

HAGUE, William **Pitt the Younger**
*Hague presents Pitt clearly and entertainingly in this biography of Britain's
youngest Prime Minister.*

HOBSBAWM, Eric **The Age of Revolution**
 The Age of Capital various editions
 The Age of Empire
*The classic Marxist trilogy of the long C19th – 1789 to 1914. Brilliant in the
extreme, but sometimes hard work.*

HURD, Douglas **Robert Peel**
*A thorough biography of this surprisingly personal man, great Prime Minister
and the founder of modern Conservatism – no matter what the Carlton Club
would have you believe.*

GASH, Norman **Aristocracy and People:** various editions
 Britain, 1815-65
*Dry, but covers all the detail one could need for mid Nineteenth Century Britain
by a highly regarded Historian.*

JENKINS, Roy **Gladstone** various editions
BLAKE, Robert **Disraeli** various editions
ALDOUS, Richard **The Lion and the Unicorn**
*Witty and detailed lives of two of the key figures of the C19th Britain. The
Aldous is a good overview, although less detailed. Various editions of all.*

FEUCHTWANGER, Edgar **Democracy and Empire**
Dry, but covers all the detail one could need for late Nineteenth Century Britain.

CLARKE, Peter **Hope and Glory**
*The best one-volume overview of C20th Britain I have encountered – from PMs
to Pop and Cricket – the century in readable context.*

CORDINGLY, David **Billy Ruffian**
An unusual biography of a ship of Nelson's navy.
Russia

BEEVOR, Anthony **Stalingrad**
*Modern, researched military history of the epic battle which changed the course
of World War II.*

AMIS, Martin **Koba the Dread**
Critical, punchy and hair-raising account of Stalin's rule.

FIGES, Orlando **Natasha's Dance**

Awesome cultural, political and emotional insight into 200 years of Russia.

FIGES, Orlando **A People's Tragedy**

Immensely readable and highly detailed account of the events that lead to the Russian Revolution and the early years of the Soviet Union.

MACLEAN, Rory **Stalin's Nose**

A story of an extraordinary journey through Eastern Europe as Soviet control collapsed.

MONTIFIORRE, Simon Sebag **Stalin, the Court of the Red Tsar**

Full of anecdote and insight, and using modern research in the Soviet archives.

MACLEAN, Fitzroy **Eastern Approaches**

Extraordinary memoir of a British diplomat/spy in the USSR in the 1930s, and special ops officer in World War II.

FITZPATRICK, Sheila **The Russian Revolution**

A traditional western account of the event that led to and of the Russian Revolution. Short and Readable.

REED, John **Ten Days that Shook the World**

Eyewitness account from an American journalist and sympathizer of the 10 days of revolution in October 1917.

OVERY, Richard **The Dictators**

An excellent comparison of the nature of the two most famous European dictators which draws some fascinating conclusions.

Cold War

GADDIS, John Lewis **The Cold War**

Researched with access to the Soviet archives, this is a racy and authoritative modern overview of the Cold War.

JUDT, Tony **Postwar**

A comprehensive history of Europe after World War II. Everything from politics to culture covered.

GARTON ASH, Tim. **The File**

Journalist and Historian Timothy Garton Ash revisits East Germany to examine his Stasi file and the people who spied on him.

SEBESTYEN, Victor **Twelve Days**

An account of the Hungarian uprising of 1956. Well written and accessible.

America

BROGAN, Hugh **The Penguin History of the United States**
An overview of the history of North America since the C16th. Excellent general read into which you can dip in and out.

McPHERSON, James **Battle Cry of Freedom**
A brilliant book about the causes and events of the American Civil War.

SHAARA, Michael **The Killer Angels**
Pulitzer Prizewinning novel about Gettysburg and most revealing too about the nature of the Confederate-Union argument.

BROWN, Dee **Bury My Heart at Wounded Knee**
All about the Native American struggle for freedom and how they were ruthlessly crushed by American settlers.

LITWACK, Leon **Trouble in Mind,
Been in the Storm so Long**
A pair of books covering slavery and then the transition from slavery to freedom, Litwack uses vivid imagery to portray the hell through which people lived.

MCCULLOUGH, David **Truman**
A classic and readable story of the life and times of 'an unexpectedly great president'.

DALLEK, Robert **JFK: An Unfinished Life**
An easily accessible biography of JFK. Well balanced with focus on both personal and private lives.

DALLEK, Robert **LBJ: Portrait of a President**
Dallek's single volume on the life of LBJ. All you need to know is here.

FAIRCLOUGH, Adam **Better Day Coming**
A through overview of the struggle for black equality in America, from the end of Reconstruction to the modern era.

PATTERSON, James T **Grand Expectations,
Restless Giant**
In these two highly readable tomes you will find the history of the USA since 1945 – political, cultural and even, in passing, economic.

Germany

CAPLAN, Jane (ed.) **Nazi Germany**
An excellent set of essays in the Oxford Short History series giving thorough background to the rule of the Nazis.

BURLEIGH, Michael **The Third Reich**

Acclaimed account of the Nazi rule.

EVANS, Richard **The Coming of the Third Reich,
The Third Reich in Power,
The Third Reich at War**

Evans is an acknowledged master of the subject and this comprehensive trilogy will give you all you need on the Nazis from beginning to end.

KERSHAW, Ian **Hitler**

Ian Kershaw, Mr Moore's favourite, and his single volume on Hitler. There are others by Kershaw, all of which are worthwhile for those interested.

Europe and the Rest of the World

THUCYDIDES **History of the Peloponnesian War**

Known as the first Historian, Thucydides' book is an extraordinary account of the war through which he lived more than 400 years before Christ was born.

RAMBAUD, Patrick **The Battle**

A gripping tale of Napoleon's first defeat at Aspern-Essling.

LEVY, Andrea **Small Island**

A Caribbean immigrant's experience of life in Britain in WWII and after; a moving novel.

FERGUSON, Niall **Empire: How Britain made the Modern World**

General overview of the British Empire from the C17th to the modern era. Ideal for background reading.

CHANG, Jung **Mao: The Unknown Story**

Brilliant in two ways: Firstly as a history of the Chinese dictator, and secondly as a piece of historiography as it is incredibly one-sided.

ELKINS, Caroline **Britain's Gulag**

Highly controversial account of the Mau Mau rebellion and the British response. Controversial as it is anti-British: I will provide balance if you want.

MEREDITH, Martin **The State of Africa**

Easily-read account of the different countries in Africa and how they have evolved since World War II.

WINCHESTER, Simon **Krakatoa: The Day the World Exploded**

An extraordinary tale of the huge eruption which manages to incorporate a history of science, empire and society.

JUDD, Denis **The Lion and the Tiger: The rise and fall of the British Raj, 1600-1947**
An invaluable overview of the role of Britain in India.

General History

FERGUSON, Niall (ed.) **Virtual History** various editions
Counterfactual history by real historians. This is hard to get hold of but entertaining and more academic than the usual 'What if?' history.

MacMILLAN, Margaret **The Uses and Abuses of History**
An excellent and easily readable set of short essays on the uses of History. Invaluable in terms of answers to the 'Why study History' question.

SCHAMA, Simon **Dead Certainties**
Several excellent Historical stories with critical insights into research and the nature of historical truth.

GADDIS, John Lewis **The Landscape of History**
A challenging but interesting perspective on the role of Historians, their importance and the methods they should use. Full of analogy, Gaddis also challenges the role of social scientists, so a great read for those thinking about Economics and other social sciences as well as History.

CANNADINE, Davis **Class in Britain**
One of my favourite Historians to read, Cannadine is a master of social history and this is an attempt to put class into historical context. Worth having a go if you want a challenge

Novels and Autobiographies

ORWELL, George **Road to Wigan Pier**
Orwell's classic about life in depression-hit northern Britain.

STEINBECK, John **The Grapes of Wrath**
Steinbeck's classic novel about life in rural southern America during the depression.

MITCHELL, Margaret **Gone With the Wind**
Not just Scarlett and Rhett: this is an incredible account of slavery, the Civil War and Reconstruction in Georgia.

FRAZIER, Charles **Cold Mountain**
Covers the story of a Civil War deserter from the Confederate army.

BEECHER STOWE, Harriet **Uncle Tom's Cabin**
Abraham Lincoln described Beecher Stowe as "The little woman who wrote the book that started this great war". It is an American classic: the life of a slave, written by an abolitionist after the Fugitive Slave law.

TWAIN, Mark **The Adventures of Huckleberry Finn**
Racism, a runaway slave and a satire on Southern American society.

WALKER, Alice **The Color Purple**
Early- Mid C20th position of black women in society.

MORRISON, Toni **Beloved**
A powerful if not always comfortable tale of the legacy of slavery and the impact of Emancipation.

LEE, Harper **To Kill A Mockingbird**
A classic all should have read: Race relations in Alabama.

SOLZHENITSYN, Alexander **One Day in the Life of Ivan Denisovich**
A classic novel portraying the day in the life of a man in one of Stalin's gulags.

ELLISON, Ralph **Invisible Man**
Iconic novel about the struggle for one black man to find acceptance and his position in the North in 1950s America.

MEEK, James **The People's Act of Love**
An unusual novel about the Czech Legion and Russia in the Civil War; some alarming concepts and certainly not of wide appeal, but feels very Russian!

THORPE, Adam **Nineteen Twenty-One**
A disconcerting novel about post-WWI lives that can never be the same.

VICKERS, Sally **Miss Garnet's Angel**
A haunting tale of Venice which brings art and history alive.

MASON, John **The Piano Tuner**
An atmospheric tale about the British in Burma in the 1880s.

MILTON, Giles **Nathaniel's Nutmeg**
A well researched tale of the spice trade and crazy Englishmen in the C16th.

RADCLIFFE, Robert **Under an English Heaven**
A moving novel about the US Air Force in World War II.

RADCLIFFE, Robert **Upon Dark Waters**
A novel about World War II Atlantic convoys, Uruguay and the Graf Spee; a huge adventure.

BRITTAIN, Vera **Testament of Youth**
First published in 1933 and written by a young woman who lived through WWI and suffered much loss. Living history.

DUBOIS, W.E.B. **The Souls of Black Folk**
Charismatic black rights campaigner W.E.B. DuBois on the role and future of African Americans in America at the beginning of the C20th.

MARLANTES, Karl **Matterhorn**
A fabulous novel about the Vietnam war written by a veteran. Gives a real feel for life in the jungle; the fears, feelings and lives of the men who fought. Traumatic in places.

FURST, Alan **Night Soldiers**
WWII era espionage thriller of hugely superior quality with an NKVD 'soldier' serving in Spain and then surviving Stalin's purges as the 'hero'.

FURST, Alan **Dark Voyage**
WWII espionage mission involving a clandestine naval mission: well researched and exciting.

ANDRIC, Ivo **Bridge over the Drina**
Nobel Prizewinning novel about the town of Visegrad and its bridge in the heart of Bosnia's ethnic/sectarian cauldron, reaching back to the Ottoman heyday and travelling through time up to the outbreak of WWI. Makes the Yugoslav question so much more comprehensible!

DOWNING, David **Zoo Station**
A good and accessible read for all about a British journalist living in Berlin in 1939. Lots of GCSE history will flood back. First of a series of four novels and easy holiday reading.

Plus...

Anything by Charles DICKINS or Anthony TROLLOPE – they are all about C19th social commentary.

Mathematics

GARDNER, Martin **Penrose tiles to trapdoor ciphers**

This is another collection drawn from Martin Gardner's Mathematical Games column in Scientific American. Each chapter explores a different theme, for example fractals, surreal numbers, and the sculptures of Berrocal.

GARDNER, Martin **Mathematical puzzles and diversions**

Whether you are intrigued or unnerved by the complexities of mathematics, this is a book that will both delight and infuriate you. These puzzles, problems and paradoxes, with names like Hexaflexagons, Polyominoes and the Icosian Game, are the work of a master and the best of their kind. But a word of warning: this beguiling collection has been especially designed to seduce you for hours, days, weeks, from the more mundane business of practical life. Be on your guard!

Also in the library by Martin Gardner:

The colossal book of mathematics

Classic puzzles, paradoxes and problems: number theory, algebra, geometry, probability, topology, game theory, infinity and other topics of recreational mathematics

Origami, Eleusis, and the Soma cube

Gardner's mathematical diversions and Hexaflexagons, probability paradoxes, and the tower of Hanoi: his first book of mathematical puzzles and games

SINGH, Simon **Fermat's last theorem: The story of a riddle that confounded the world's greatest minds for 358 years**

This is the story of the solving of a puzzle that has confounded mathematicians since the 17th century, but which every child can understand. It includes the fascinating story of Andrew Wiles who finally cracked the code.

SINGH, Simon **The code book: the secret history of codes and code-breaking**

Fascinating accounts of code-breaking in action, such as its use in unmasking the Man in the Iron Mask and the defeat of the Nazis. Especially good on the most recent developments, such as quantum cryptology and the issues raised by the advent of very secure cipher systems over the Internet.

Du SAUTOY, Marcus **Finding moonshine**

This book from the author of 'The Music of the Primes' combines a personal insight into the mind of a working mathematician with the story of one of the biggest adventures in mathematics: the search for symmetry.

Du SAUTOY, Marcus **Music of the primes: why an unsolved problem in mathematics matters**

Recounts the history of prime numbers, (numbers divisible only by one and themselves), which has implications beyond pure mathematics. Euclid, Ramanujan, Odlyzko, and the formation of RSA encryption are discussed, as well as the state of contemporary research on the topic.

ACHESON, David **1089 and all that: a journey into mathematics**
Using entertaining illustrations, photographs and drawings David Acheson introduces mathematics in a manner that is designed to provide non-mathematicians with a quick and enjoyable overview of the subject.

STEWART, Ian **Professor Stewart's cabinet of mathematical curiosities**
A treasure trove of mathematical oddities, including games, puzzles, facts, numbers and delightful mathematical nibbles for the curious and adventurous mind.

STEWART, Ian **Game, set and math: enigmas and conundrums**
These pun-studded fables by a popular science writer make complicated mathematical concepts accessible and fun. Twelve essays take a playful approach to mathematics, investigating the topology of a warm blanket, the odds of beating a superior...

Modern Foreign Languages

AS and A2 suggested reading

General

PINKER, Steven The Language Instinct

With wit, erudition, and deft use of everyday examples of humour and wordplay, Pinker weaves our vast knowledge of language into a compelling theory: that language is a human instinct, wired into our brains by evolution.

PINKER, Steven Words and Rules

The profound mysteries of language: How does language work, and how do we learn to speak? Why do languages change over time, and why do they have so many quirks and irregularities? An original and totally entertaining book written in an engaging style.

HITCHINGS, Henry The Secret Life of Words

How often do we stop to think about where the words we use have come from? Have you ever thought about which words in English have been borrowed from Arabic, French or Dutch? Try admiral, landscape and marmalade just for starters. The Secret Life of Words is a wide-ranging account not only of the history of English, but also of how words witness history, reflect social change and remind us of our turbulent past.

BRYSON, Bill Mother Tongue

The history and origins of the English language and the language's various quirks. Bryson makes it hilarious at times.

HOLMES, Janet An introduction to sociolinguistics

A reliable and consistently readable introduction to the subject. It remains an excellent guide to the diversity of ways in which the social can impact on language use and structure.

KLEMPERER, Victor The Language of the Third Reich

This book arose from Klemperer's conviction that the language of the Third Reich helped to create its culture. This brilliant book is by turns entertaining and profound, saddening and horrifying. It is deservedly one of the great twentieth-century studies of language and its engagement with history.

French

GAVALDA, Anna Ensemble c'est tout (2004)

Focuses on the lives of four people living in an apartment house: a struggling young artist who works as an office cleaner at night, a young aristocrat misfit, a cook, and an elderly grandmother. The 600-page book is a bestseller in France. Beautiful descriptions of human feeling.

van CAULWELAERT

Un aller simple

The story of Aziz, sent back to Morocco from France for stealing cars, accompanied by a cultural attaché, Jean-Pierre Schneider, to his so-called native village in the mountains. A revealing and burlesque insight into the relationship and fears of two men.

NOTHOMB, Amélie

Acide sulfurique

Deals with the ultimate reality TV show: people are grabbed off the street and find themselves taking part in Concentration. As in 'concentration camp'. Shipped off in cattle cars, they find themselves in what in every respect except the countless cameras following their every move amounts to a Nazi concentration camp. Right down to what happens to those who are weeded out (the game's 'losers').

BAUBY, Jean-Dominique

Le scaphandre et le papillon

Journalist Jean-Dominique Bauby describes what his life is like after suffering a massive stroke that left him with a condition called locked-in syndrome. The whole book was dictated using the blinking of an eyelid.

JOFFO, Joseph (1973)

Un Sac de billes

An autobiography of Joseph Joffo's childhood as a Jew during the Second World War. It is Joffo's unusual ability to portray life accurately from a child's point of view which makes this book so spectacular. The language is relatively simple to grasp.

GOSCINNY et SEMPÉ (1959) **Le Petit Nicolas**

A French children's book about ideal childhood and nostalgic memory from the 1950s.

PAGNOL, Marcel (1957)

La Gloire de mon Père

Charming autobiographical narrative detailing the life of a family in southern France in the early 20th century. Beautiful.

PAGNOL, Marcel (1957)

Le Château de ma Mère

Sequel to above, detailing the family's return to Marseille, and Young Marcel's longing for the hills.

PAGNOL, Marcel

Jean de Florette

Pagnol's family story, dealing with greed, betrayal, and revenge. The film takes place in rural Provence where two local farmers scheme to trick a newcomer out of his newly inherited property.

PAGNOL, Marcel

Manon des Sources

Sequel to the above, dealing with love and hate. Ten years after the sad story of Jean de Florette, Ugolin has made his fortune thanks to his carnation growing, and Manon has become a wild and pretty young woman who looks after her goats on the hills.

CAMUS, Albert

L'étranger

A young man commits a random act of murder in Algiers. He shows no human feeling for his crime – neither guilt nor remorse – for this reason his crime is that of being an 'outsider'.

CAMUS, Albert

La Peste

The story of medical workers finding solidarity in their labour as the Algerian city of Oran is swept by a plague. It asks a number of questions relating to the nature of destiny and the human condition. The characters in the book, ranging from doctors to vacationers to fugitives, all help to show the effects the plague has on a populace. Loaded with allegory.

de MAUPASSANT, Guy

Boule de suif

Fleeing from Prussia-occupied Rouen, a carriage full of French characters talk their way around an ethical dilemma.

BEGAG, Azouz

Le Gône du Chaaba

An autobiographical novel portraying three years in the life of a young boy living in a shantytown in Algeria.

Verlaine, Paul

Verlaine Saturnales

A collection of poems from this late 19th century symbolist.

VOLTAIRE

Candide

The amusing and satirical story of a naïve young man learning about the hardships and injustices of the world. Voltaire ridicules religion, theologians, governments, armies, philosophies, and philosophers through allegory.

VERNE, Jules

Le Tour du monde en quatre-vingts jours

Phileas Fogg and his French valet Passepartout attempt to circumnavigate the world in 80 days for a wager.

French Cultural knowledge

NADEAU, J-B and BARLOW, Julie

**Sixty Million Frenchmen Can't Be Wrong:
What Makes the French So French?**

WHITTAKER, Andrew

**Speak the Culture:
France: Be Fluent in French Life and Culture**

German

ZWEIG, Stefan

Angst

Begins as Irene, a young married woman, is leaving her lover's apartment, already suffering the pangs of guilt and anxious to get back to "her placid, bourgeois world". She is accosted by a woman who accuses her of stealing her man. Petrified and ashamed, Irene begins a descent into insane fear. The woman demands ever larger sums in blackmail, while Irene tries to hide everything from her husband, her children and the staff.

ZWEIG, Stefan **Schachnovelle**

Driven to mental anguish as the result of total isolation by the National Socialists, Dr. B, a monarchist hiding valuable assets of the nobility from the new regime, maintains his sanity only through the theft of a book of master games which he plays endlessly, voraciously learning each one until they overwhelm his imagination to such an extent that he becomes consumed by chess.

SCHNITZLER, Arthur **Traumnovelle**

Details the thoughts and psychological transformations of Doctor Fridolin over a two-day period. In this short time, he meets many people who give a clue to the world Schnitzler is creating for us. This culminates in the masquerade ball, a wondrous event of masked individualism, sex, and danger for Fridolin the outsider.

FRISCH, Maz **Homo Faber**

Describes the tragic disintegration of a man who presumes that he is in control of his own life. It follows the travels of Walter Faber, a Swiss technologist working for UNESCO in aid to underdeveloped nations, as he ingenuously moves toward catastrophe. As the novel begins, Walter is flying from New York to Caracas to supervise the delivery of turbines in Venezuela. His plans go awry, however, when the plane is forced into an emergency landing in the desert...

SCHLINK, Bernhard **Der Vorleser**

While on his way home from school one day in post-war Germany, Michael becomes ill. He is aided by a beautiful and buxom, thirty-six year old blonde named Hanna. When he recovers from his illness, he goes to her home to thank her and eventually finds himself seduced by her, and a component of their relationship is that Michael would read aloud to her. Then, one day, as suddenly as she appeared in his life, she disappears, having inexplicably moved with no forwarding address. The story is a parable, dealing with the difficulties post-war German generations have had comprehending the Holocaust, and the struggle to come to terms with the past. It explores how the post-war generations might approach the generation that took part in, or witnessed, the atrocities.

TIMM, Uwe **Die Entdeckung der Currywurst**

A short novel about love, remembrance and the sins of omission. The narrator, who shares the same past as the author, is irritated that Berliners have claimed that peculiar German fast food delicacy - curry sausage - as their own. He recalls that his neighbour in Hamburg for many years had a stall by the harbour and was known for her wonderful curried sausage, so he decides to seek her out to get to the bottom of the origins of the recipe.

FRISCH, Max **Andorra**

Fascism and the persecution of the Jews.

REGENER, Sven **Herr Lehmann**

It's 1989 and, whenever he isn't hanging out in the local bars, Herr Lehmann lives entirely free of responsibility in the bohemian Berlin district of Kreuzberg. Through years of judicious sidestepping and heroic indolence, this barman has successfully avoided the demands of parents, landlords, neighbours and women. But suddenly one unforeseen incident after another seems to threaten his idyllic and rather peaceable existence. Funny.

Spanish

GARCIA MARQUEZ, Gabriel

Cien años de soledad (A hundred years of solitude)

The best way to describe 'One Hundred Years of Solitude' is as an adult fairy tale. What with flying carpets and people living for over 100 years, to name but two of the fantastical elements of this story, you need to suspend disbelief to get the most from this poetic and rich story. Based around the various generations of the Buendia family this book explores the various lives and exploits of each family member. It has a mixture of events that make for interesting stories in their own right and give the book the feel of a short story collection with the same characters and a loose over-arching theme to tie it all together.

GARCIA MARQUEZ, Gabriel

Crónica de una muerte anunciada (Chronicle of a death foretold)

How can an author keep the reader interested in his book when he gives away the ending in the first page? Well, he needs to be an extraordinary writer, with the ability to enthrall the reader completely. Of course, not everybody can do that, but the truth is that the author of this book isn't "everybody". Gabriel García Márquez was awarded the Nobel Prize in Literature in 1982, and he clearly deserved it. You can easily see that if you read some of the many masterpieces he wrote: this is just one of them. "Chronicle of a Death Foretold" has many ingredients that make it a wonderful book. In my opinion the most important ones are García Marquez's brilliant prose, and the risk he took by doing the unthinkable: bluntly telling the reader the end of the story in the first pages of the book.

RUIZ ZAFÓN, Carlos

La sombra del viento (The shadow of the wind)

The novel tells about the experiences of a young boy named Daniel living in Barcelona, who one day innocently comes across a book called 'The Shadow of the Wind'. After enjoying the book, he is puzzled as to why nobody, even those knowledgeable in literature, seem to know anything about the novel's mysterious author - Julian Carax. It is his curiosity to discover more about the life of Julian that sets him on the path to a thrilling but equally dangerous adventure. The novel contains twist after twist as the story progresses, and the characters, especially Daniel's hilarious friend Fermin, are all likeable. Highly recommended.

VARGAS LLOSA, Mario

El sueño del Celta

Vargas Llosa's novel, a return to the historical form he has used over the years, is wholly about Roger Casement. Why choose this controversial Irishman who served the British Crown with loyalty, was knighted in 1911, then hanged for treason five years later? It is not hard to guess the appeal for Vargas Llosa. This protean character, who managed to lead many lives simultaneously, would attract a novelist who has always been interested in what separates the image we project from what we really are and do. Totally engrossing.

ABAD FACIOLINCE, Hector **Oblivion**

In 1987 the Colombian novelist Hector Abad was phoned by a journalist with some startling news: "They're saying you've just been killed." He knew instantly that the rumours must refer to his father, whose name he shared and whose body was lying at that very moment in a pool of blood a few blocks away. Hector Abad's tribute to his father, 'the communist doctor' murdered by Colombian paramilitaries in 1987, is warm, witty and moving.

RULFO, Juan

El Llano en llamas

A very manageable collection of short stories

MONZO, Quim

El porque de las cosas

A collection of funny short stories

BOLING, Dave

Guernica

A novel of love, family and war set in the Basque town of Guernica before, during and after its destruction by the German Luftwaffe during the Spanish civil war.

RIVAS, Manuel

¿Qué me quieres, amor?

A collection of short stories exploring various types of human relationships.

Hispanic Cultural knowledge

HOOPER, John

**Los nuevos españoles
(The new Spaniards)**

Hooper has managed to paint a magnificent picture of Spain's vivacity, culture and history. As a student of Spanish, this is one of the best general accounts of Spain. Not only does it contain detailed information about every possible aspect of Spanish life, culture, history or geography, but also Hooper manages to present the material in a logical and intriguing manner. Indeed, apart from being readable from cover to cover - although you may wish to set aside a few weeks for this task - the book can be consulted via an index as a type of "Encyclopedia of Spain." Useful explanatory footnotes are also provided throughout.

LOPEZ MORENO, Christina **Espana Contemporanea**

History, economy, culture and society in modern-day Spain.

Philosophy

Introduction to Philosophy: Reading List

Absolute Beginners:

- ALMOND, Brenda: **Exploring Philosophy** (Blackwell)
- BLACKBURN, Simon: **Think** (OUP)
- CRAIG, Edward: **Philosophy: A Very Short Introduction**(Oxford)
- FALZON, Christopher: **Philosophy Goes to the Movies, An Introduction to Philosophy** (Routledge 2002)
- GAARDER, Jostein: **Sophie's World**, Phoenix House, London, 1995.
- GRAYLING, Anthony (Ed.): **Philosophy: A Guide Through the Subject** (2 Volumes, OUP)
- HARRISON-BARBET, Anthony: **Mastering Philosophy** (2nd Edition, Palgrave 2001)
- HOLLIS, Martin: **Invitation to Philosophy** (Blackwell)
- KENNY, A. (ed.): **Oxford Illustrated History of Western Philosophy** (OUP, 1994)
- NAGEL, Thomas: **What Does It All Mean?** (OUP)
- O'HEAR, Anthony: **What Philosophy Is: An Introduction to Contemporary Philosophy** (Penguin, 1985)
- PINCHIN, Calvin: **Issues in Philosophy** (Macmillan)
- REAPER, W. and SMITH, L.: **A Beginner's Guide to Ideas**, (Lion Publishing, Oxford, 1991)
- ROSENBERG, Jay F.: **The Practice of Philosophy: A Handbook for Beginners** (Englewood Cliffs, NJ, 1978)
- SAVATER, Fernando: **The Questions of Life - An Invitation to Philosophy** (Polity Press 2002)
- SCRUTON, Roger: **An Intelligent Person's Guide to Philosophy** (Duckworth, London, 1996)
- SCRUTON, Roger: **Modern Philosophy** (Reed)

STRAWSON, Peter F.: **Analysis and Metaphysics: An Introduction to Philosophy** (OUP 1992)

TEICHMAN, Jenny, and EVANS, Katherine: **Philosophy: A Beginner's Guide** (2nd Edition, Blackwell)

THOMPSON, Mel: **Teach Yourself Philosophy** (Hodder Headline, London, 1995)

WARBURTON, Nigel: **Philosophy: The Basics**

WILLIAMS, Bernard: **Morality** (Penguin)

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Other works worth looking at:

AYER, A.J.: **Language, Truth and Logic** (Penguin, 1971)

AYER, A.J.: **The Central Questions of Philosophy** (Penguin)

BLACKBURN, Simon: **Oxford Dictionary of Philosophy** (OUP, 1995)

BRATMAN, Michael and PERRY, John (eds.):
Introduction to Philosophy: Classical and Contemporary Readings (OUP, 1998)

DESCARTES, René: **Discourse on Method and Meditations of First Philosophy**, translated by D.A. Cress, (Hackett Publishing, Indianapolis, 1993); or Penguin Classics, ISBN No. 0-14-044701-6

EMMET, E.R.: **Learning to Philosophize**, (Penguin, 1964)

GOLDSTEIN, Laurence: **The Philosopher's Habitat** (Routledge)

GUTTENPLAN, HORNSBY and JANAWAY (eds.)
Reading Philosophy (Blackwell)

HONDERICH, T., and BURNYEAT, M.: eds.:
Philosophy As It Is (Penguin, 1979)

HONDERICH, T.: **Philosophy Through Its Past**: (Penguin, 1984)

HOSPERS, John: **Introduction to Philosophical Analysis** (3rd Edition, Routledge, 1993)

JOAD, C. E. M.: **Teach Yourself Philosophy** (English Universities Press, London, 1944)

PHILLIPS GRIFFITHS, A. (ed.): **Key Themes in Philosophy** (CUP, 1989)

PLATO: **The Republic** (Penguin Classics, ISBN No. 0-14-044048-8)

RUSSELL, Bertrand: **The Problems of Philosophy**, (OUP, 1998 (1912); ISBN No. 0-19-289298-3)

Extended Reading List (more or less chronologically)

PLATO: **The Republic; The Symposium, Theaetetus, Gorgias, The Apology, Crito, Meno**

ARISTOTLE: **Nichomachean Ethics**

LUCRETIUS: **On the Nature of the Universe**

SENECA: **Letters from a Stoic**

MARCUS AURELIUS: **Meditations**

St. AUGUSTINE: **Confessions, City of God**

BOETHIUS: **The Consolations of Philosophy**

MACHIAVELLI: **The Prince; [The Portable Machiavelli – Penguin Books]**

BACON, Francis: **Advancement of Learning, The New Atlantis**

HOBBS, Thomas: **Leviathan**

DESCARTES, René: **Discourse on Method and Meditations of First Philosophy**

SPINOZA, Baruch: **Ethics; On the Correction of the Understanding**

LEIBNIZ: **Philosophical Writings**

LOCKE, John: **An Essay concerning Human Understanding**

BERKELEY: **The Principles of Human Knowledge; Three Dialogues**

HUME, David: **A Treatise of Human Nature; Dialogues Concerning Natural Religion**

BURKE: **A Philosophical Enquiry;
Reflections on the Revolution in France**

VOLTAIRE: **Candide; Philosophical Dictionary**

ROUSSEAU, Jean Jacques: **The Social Contract**

KANT, Immanuel: **Prolegomena; Critique of Pure Reason;
Critique of Practical Reason; The Moral Law**

SCHOPENHAUER, Arthur: **On the Fourfold Root of the Principle of
Sufficient Reason;
The World as Will and Representation**

FICHTE: **The Vocation of Man**

SCHELLING, F. W.: **Ideas for a Philosophy of Nature**

HEGEL, G. W. F.: **Phenomenology of Spirit**

On Hegel: *Hegel*, by Peter Singer; *Hegel: An Introduction*, by Raymond Plant

On Marxism: *To the Finland Station*, by Edmund Wilson; *Marx*, by Isaiah Berlin

MARX, Karl: **Das Kapital**

MARX and ENGELS: **Basic Writings on Politics and Philosophy**

NIETZSCHE, F. W.: **Beyond Good and Evil; Twilight of the Gods;
Ecce Homo**

BENTHAM, Jeremy: **Introduction to the Principles of Morals and
Legislation**

MILL, John Stuart: **On Liberty**

JAMES, William: **The Varieties of Religious Experience**

On Frege: *Interpretations of Frege's Philosophy*, by Michael Dummett

WITTGENSTEIN, Ludwig: **Tractatus Logico-Philosophicus;
Philosophical Investigations**

HEIDEGGER, Martin: **Being and Time**

On Heidegger: *Heidegger*, by George Steiner

BERGSON, Henri: **Creative Mind**

SARTRE, Jean-Paul:	Nausea; Sketch for a Theory of Emotions; The Psychology of Imagination
CAMUS, Albert:	The Myth of Sisyphus; The Rebel (The Outsider)
MERLEAU-PONTY:	Phenomenology of Perception
ALTHUSSER, Louis:	For Marx
LACAN:	Four Fundamental Concepts of Psychoanalysis
FOUCAULT, Michel:	Madness and Civilisation
POPPER, Karl:	The Open Society and its Enemies; The Logic of Scientific Discovery; [A Pocket Popper (Fontana Paperbacks)]
<u>On Relativity Theory:</u> <i>The ABC of Relativity</i> , by Bertrand Russell	
<u>On Quantum Theory:</u> <i>In Search of Schrödinger's Cat</i> , by John Gribbin	
DIRAC, Paul:	The Principles of Quantum Mechanics
HEISENBERG:	Physics and Philosophy
SCHRÖDINGER:	What is Life?; Mind and Matter
RORTY, Richard:	Philosophy and Social Hope
SEARLE, John:	Mind, Language and Society
PASSMORE, John:	A Hundred years of Philosophy
HAMLYN, D. W.:	A History of Western Philosophy
SHAND, John:	Philosophy and Philosophers; History of Philosophy
RUSSELL, Bertrand:	History of Western Philosophy
FLEW, Anthony:	An Introduction to Western Philosophy
MURDOCH, Iris:	Metaphysics as a Guide to Morals
MAGEE, Bryan:	Men of Ideas; The Great Philosophers; The Story of Philosophy

The Blackwell Companions to Philosophy Series:

A Companion to Aesthetics – ed. David Cooper

A Companion to Epistemology – ed. Jonathan Dancy and Ernest Sosa

A Companion to Contemporary Political Philosophy – ed. Robert Goodin and Philip Pettit

A Companion to the Philosophy of Mind – ed. Samuel Guttenplan

A Companion to Metaphysics – ed. Jaegwon Kim and Ernest Sosa

A Companion to Ethics – ed. Peter Singer

Physics

COX, Brian and FORSHAW, Jeff

Why does $E = mc^2$ (And why should we care?) Cambridge

Suitable: 6th form

An accessible explanation of Einstein's most famous equation, this book explores the principles of physics through everyday life.

GLEICK, James

Genius: Richard Feynman and modern physics London

Suitable: 6th form

Always controversial, Feynman was a key physicist from his days as part of the A-Bomb making team in the early 1940s, until his discovery of the reason for the Challenger Space Shuttle disaster 40 years later. This book combines Feynman's life-story with an account of his thought and its context.

FEYNMAN, Richard

QED: the strange theory of light and matter Penguin

Suitable: General reader

Quantum electrodynamics is the strange theory that explains how light and electrons interact. It is also one of the rare parts of physics that is known for sure. This set of lectures provides a definitive introduction to QED.

McEVOY, J. P and ZARATE, Oscar

Introducing quantum theory: a graphic guide to science's most puzzling discovery Thriplow

Suitable: 6th form

A step-by-step tour with the key figures, including Planck, Einstein, Bohr, Heisenberg and Schrödinger. Each contributed at least one crucial concept to the theory.

WALKER, Jearl

The flying circus of physics Hoboken

Suitable: General reader

Ever wondered whether or not a Formula One car can be driven upside down on a long tunnel ceiling? Or have you ever considered why we can often see two rainbows, but never three? This quirky collection of questions and answers explores the curious physics of the everyday world.

KAKU, Michio

Hyperspace: a scientific odyssey through parallel universes, time warps and the 10th dimension OUP

Suitable: 6th form

Is time travel possible? Do gateways to other universes exist? Kaku takes us on a tour of the most exciting work in modern physics and outlines what may be the leading candidate for the Theory of Everything.

HEY, Tony and WALTERS, Patrick

The new quantum universe

Cambridge

Suitable: 6th form

This new edition includes a host of new discoveries made in the field of quantum mechanics since 1987. It also looks ahead at the anticipated nanotechnology revolution, describing quantum cryptography, quantum computing & quantum teleportation.

STANNARD, Russell

Relativity: a very short introduction

OUP

Suitable: 6th form

Einstein's theory of relativity shattered the world of physics - replacing Newtonian ideas of space and time with bizarre and counterintuitive conclusions, a world of slowing clocks and stretched space, black holes and curved space-time. This introduction explores and explains the theory in an accessible and understandable way.

GREENE, B The elegant Universe: superstrings, hidden dimensions and the quest for the ultimate theory

Vintage

Suitable: 6th form

In a rare blend of scientific insight and writing as elegant as the theories it explains, Brian Greene, one of the world's leading string theorists, peels away the layers of mystery surrounding string theory to reveal a universe that consists of eleven dimensions where all matter is generated by the vibrations of microscopically tiny loops of energy - a delightful, lucid voyage through modern physics that brings us closer to understanding how the universe works.

HAWKING, Stephen, MLODINOW, Leonard

A briefer history of time

Bantam

Suitable: General

In 'A Briefer History of Time' the authors endeavour to make the themes and topics covered in Stephen Hawking's best-selling original work more accessible to the lay reader while expanding the scope of the subject matter.

Other books you may like to dip into which would be a useful experience. Don't be put of if you don't understand everything you read!

BOLTON, W

Materials and their uses

CAIRNCROSS, F

The Death of Distance

CLOSE, MARTEN and SUTTON

The particle explosion.

HAWKING

The Universe in a nutshell

LAX, S

Beyond the Horizon: Communications Technologies Past, Present and Future

RAE, A

Quantum physics: illusion or reality?

SINGER

Wonders of Nuclear Fusion: Creating an Ultimate Energy Source

WEINBERG

The first three minutes

Physical Education

SYED, Matthew **Bounce: how champions are made** Fourth Estate
Everyone knows that David Beckham crosses the ball better than anyone else and that Tiger Woods never 'chokes'. But what are the hidden factors which allow the most successful sports stars to rise above their competitors? Matthew Syed reveals what really lies behind world-beating achievement in sport, and other walks of life besides.

GROUT, Jeff and PERRIN, Sarah
 Mind games: inspirational lessons from the world's finest sports stars Capstone
The authors draw on extensive first-hand experiences of acknowledged sporting champions across a range of sports, identifying personal techniques proven to have worked under the pressure of top-level competition.

HILL, Michael **In pursuit of excellence: a student guide to elite sports development** Routledge
Today top athletes are professionals with careers that are systematically managed by teams of specialist staff towards the ultimate goal of world-class, medal winning performances. This text is a comprehensive introduction to the phenomenon of excellence in sport.

POWELL, Shaun **Souled out? How Blacks are winning and losing in sport**
'Souled Out' looks at black participation in modern day American sports. It conveys the benefits received and burdens carried, the racism received and the racism imagined of athletes and coaches in the USA due mostly to the colour of their skin.

BIRLEY, Derek, Sir **Sport and the making of Britain** Manchester
British enthusiasm for sport is legendary. This book looks at some of the myths and realities surrounding that legend and aims to chronicle how sporting traditions were shaped and how they in turn contributed to the shaping of British social conventions and attitudes. Tracing sporting history from its earliest origins, Derek Birley emphasizes how sport served vastly different functions from the modern notion of a leisure time relief from work.

AND.....

Ultra Fit Magazine. *The current copy is available in the Library with some recent back copies. Please ask if you would like to see them.*