HARROGATE
GRAMMAR SCHOOL

SIXTH FORM WIDER
READING LISTS
Going Beyond the Classroom: Super-Curricular Learning

One of the best ways you stand out during your Sixth Form studies is through the amount of independent study you undertake outside of the classroom. The ability to extend yourself and research independently into your interests is an invaluable skill – this will support your university applications and/or future job applications and interviews. All universities expect more than just classroom knowledge, and hence engaging in academic enrichment tasks that show you are interested in your studies beyond what is on the school syllabus is in essence a super-curricular activity. The books, journals, magazines and websites in this booklet is by no means exhaustive or definitive but are examples to help you develop your interests not only in your chosen fields of study, but also in the wider world around you. In addition, the following general resources are a rich source of information that I would encourage you to explore.

iTunes U
- Free podcasts, video lectures, reading recommendations
- A whole range of resources from leading universities (Oxford, Yale)

YouTube
- Has its own educational channel – EDU

Staircase 12
- www.staircase12.org
- A website put together by University College, Oxford
- Contains interviews and book reviews from current students

Radio 4
- Excellent range of archive material
- Recommended – Week in Westminster / Thinking Allowed / A History of the World / In Our Time

TED
- Watch talks from experts from a variety of fields

MOOCs – Massive Open Online Courses – These online courses provide videos, reading lists and activities
- FutureLearn – www.futurelearn.com
- EdX – www.edx.org
- Coursera – www.coursera.org

Websites of Professional organisations e.g.
- www.rsc.org – Royal Society of Chemistry
- www.history.org.uk – The Historical Association

Read newspapers!
- Some online versions are free
- Read more than one to develop your critical skills
• Try The Week, copies available in the LRC
Art

Books

The Power of Art by Simon Schama
Ways of Seeing by John Berger
The Shock of the New by Robert Hughes
David Hockney by Peter Clothier, Abbeville masters Series, 1995
Arte Povera (Themes and Movements) by Carolyn Christov Bakargiev, Phaidon 2005
Romanticism by Jessica Gunderson, Creative Education 2008
Masters of the Everyday: Dutch Artists in the Age of Vermeer by Desmond Shawe-Taylor and Quentin Buvelot, Royal Collection Trust, 2015
Land and Environmental Art (themes and Movements) by Jeffrey Kastner and Brian Wallis, Phaidon, 2010
Photorealism: 50 years of Hyperrealistic Painting by Otto Letze, Hatje Cantz, 2013
The Subject in Art: Portraiture and the Birth of the Modern by Catherine M Sousslof, Duke University Press, 2006

In the LRC try:


Magazines

Modern Painters
Art Review

General References

www.tate.org.uk
www.nationalgallery.org.uk
www.britishmuseum.org
www.whitworth.manchester.ac.uk
www.metmuseum.org
www.guggenheim.org
www.designmuseum.org
www.henry-moore-fdn.co.uk
**Biology**

**Books**

*Guns, Germs and Steel* by Jared Diamond

*Power, Sex and Suicide: Mitochondria and the Meaning of Life* by Nick Lane

*On the Origin of Species* by Charles Darwin

*The Ancestor’s Tale* by Richard Dawkins

*The Selfish Gene* by Richard Dawkins

*Y – The Descent of Man* by Steve Jones

*Almost Like a Whale* by Steve Jones

*The Eighth Day of Creation: the Makers of the Revolution in Biology* by Horace Judson

*Life Ascending: The Ten greatest Inventions of Evolution* by Nick Lane

*Advice to a Young Scientist* by Peter Medawar

*Genome: Autobiography of a Species* by Matt Ridley

*The Seven Daughters of Eve* by Bryan Sykes

*Private Life of the Brain* by Susan Greenfield

*DNA: The Secret of Life* by James Crick

*The Origin of Species* by Charles Darwin

*The Diversity of Life* by Edward O Wilson

**Available in the LRC**

*On the Origin of Species* by Charles Darwin

*The Ancestor’s Tale* by Richard Dawkins

*The Selfish Gene* by Richard Dawkins

*Life Ascending: The Ten greatest Inventions of Evolution* by Nick Lane

*The Origin of Species* by Charles Darwin

**Magazines**

Nature

New Scientist
Websites

http://www.ibiblio.org/virtualcell/index/htm – An interactive cell biology site


http://www.dnai.org/a/index.html - Explore the Genetic Code

http://www.biologymad.com
Business Studies

Books

*Good to Great* by James Collins

*Exploring Strategy - Text and Cases* by Gerry Johnson

*Competition Demystified* by Bruce Greenwald and Judd Kahn

*The Money Machine: How the City Works* by Philip Coggan

*Management: An Introduction* by David Boddy

*Management-Tasks, Responsibilities and Practices* by Peter Drucker

*Foundations of Marketing* by David Jobber and John Fahy

*Lean In - Women, Work and the Will to Lead* by Sheryl Sandberg

Magazines

The Economist

Business Review

Websites

[http://www.economist.com](http://www.economist.com)

[http://www.ft.com](http://www.ft.com)

[http://www.bloomberg.com](http://www.bloomberg.com)

[http://www.theguardian.com](http://www.theguardian.com)
Chemistry

Books

*Why Chemical Reactions Happen* by James Keeler and Peter Wothers

*Bad Science* by Ben Goldacre

*The Periodic Kingdom: A Journey into the Land of the Chemical Elements* by Peter Atkins

*Four Laws that Drive the Universe* by Peter Atkins

*Reactions: The Private Lives of Atoms* by Peter Atkins

*Galileo’s Finger – The Ten Great Ideas of Science* by Peter Atkins

*Atkins’ Molecules* by Peter Atkins

*Stories of the Invisible – A Guided Tour of Molecules* by Philip Ball

*Chemical Creativity: Ideas from the work of Woodward, Huckel and Meerwein and others* by Jerome A Benson

*Molecules at an Exhibition* by John Emsley

*The Elements of Murder: the History of Poisons* by John Emsley

*The Disappearing Spoon* by Sam Keen

*Rosalind Frankland: The Dark Lady of DNA* by Brenda Maddox

*Uncle Tungsten: Memories of a Chemical Boyhood* by Oliver Sacks

*Mendeleyev’s Dream: The Quest for the Elements* by Paul Strathern

*The Periodic Table* by Primo Levi

Available in the LRC

*The Periodic Kingdom: A Journey into the Land of the Chemical Elements* by Peter Atkins

*Four Laws that Drive the Universe* by Peter Atkins

*Atkins’ Molecules* by Peter Atkins

Magazines

New Scientist

Catalyst

Chemistry Review
Websites

www.rsc.org.uk

http://www.chemguide.co.uk

http://www.knockhardy.org.uk/sci.htm
Computing

Books

*Homo Deus: A Brief History of Tomorrow* by Yuval Noah Harari

*Artificial Intelligence and Machine Learning for Business: A No-Nonsense Guide to Data Driven Technologies* by Steven Finlay

*Artificial Intelligence: The Basics* by Kevin Warwick

*Surviving AI: The promise and peril of artificial intelligence* by Calum Chace

*Life 3.0: Being Human in the Age of Artificial Intelligence* by Max Tegmark

*The Ultimate Guide to Video Game Writing and Design* by Flint Dille and John Zuur Platten

*Designing Games: A Guide to Engineering Experiences* by Tynan Sylvester

*Social Engineering: The Art of Human Hacking* by Christopher Hadnagy and Paul Wilson

Journals

The Computer Journal

Applied Intelligence

Future Computing and Informatics Journal

Journal of Computer Science and Technology

Website

[https://www.ieee.org](https://www.ieee.org) - IEEE Computer Society
Design Technology

It is very important to keep well-informed about new developments in Product Design in its widest sense – from fashion to cars, mobile phones to barbecues, toys to jewellery. Books date very quickly but magazines and newspapers constantly feature articles on this.

Look in:-

• Daily newspapers
• Weekend colour supplements
• Magazines
• Trade journals if available

for articles / features on:

• new products – innovations and trends
• new markets being created
• environmental issues related to manufacturing
• the consumer and society
• health & safety issues related to design
Drama and Performing Arts

Books

The Routledge Companion to Theatre and Performance by P Allain and J Harvie

Theory for Performance: A Student’s Guide by P Auslander

Practice as Research: Approaches to Creative Arts Enquiry by E Barrett and B Bolt

The Empty Space by Peter Brook

Towards a Poor Theatre by Jerzy Growtowski

The Director’s Craft by Katie Mitchell

Theatre of the Oppressed by Augusto Boal

Research Methodology by R Ranjit

The Essential Guide to Dance by Linda Ashley

Websites

www.londondance.com

www.thestage.co.uk

www.nationaltheatre.org.uk

www.dv8.co.uk
Economics

Books

*What Money Can’t Buy* by Michael Sandel

*How Do We Fix this Mess? – The Economic Price of Having It All and the Route to Lasting Prosperity* by Robert Peston

*End this Depression Now!* by Paul Krugman

*Fool’s Gold: How Unrestrained Greed Corrupted a Dream, Shattered Global Markets and Unleashed a Catastrophe* by Gillian Tett

*Post Capitalism* by Paul Mason

*Freakonomics* by Steven D. Levitt and S. Dubne

*The Undercover Economist* by Tim Harford

*Economics: A Very Short Introduction* by Partha Dasgupta

*The Tiger that Isn’t: Seeing through a World of Numbers* by Michael Blastland and Andrew Dilnot

*The Rough Guide to Economics* by Andrew Mell and Oliver Walker

*Free Lunch: Easily Digestible Economics* by David Smith

*An Accidental Theorist* by Paul Krugman

Magazines

The Economist

Economics Review

Websites

[http://www.economicsonline.co.uk](http://www.economicsonline.co.uk)

[http://www.econclassroom.com](http://www.econclassroom.com)

[http://www.economist.com](http://www.economist.com)

[http://www.neweconomics.org](http://www.neweconomics.org)

[http://www.bankofengland.co.uk](http://www.bankofengland.co.uk)
**English Language**

**Books**

*Language Change Progress or Decay?* by Jean Aitchison

*Aitchison’s Linguistics: A practical introduction to contemporary linguistics* by Jean Aitcheson

*Authority in Language: Investigating language standardisation and prescription* by James Milroy and Lesley Milroy

*The Dialects of England* by Peter Trudgill

*Language and Gender* by Penelope Eckert

*Gender and Sociolinguistic Variation* by Penelope Eckert

*The Origins and Development of the English Language* by John Alego and Thomas Pyles

*The Stories of English* by David Crystal

*Making Sense: The Glamorous Story of English Grammar* by David Crystal

*Women in Their Speech Communities* by Jennifer Coates and Deborah Cameron

**Websites**


[http://www.bbc.co.uk/programmes/p00gx2dt](http://www.bbc.co.uk/programmes/p00gx2dt)

[https://aggslanguage.worldpress.com/language-change-theorists](https://aggslanguage.worldpress.com/language-change-theorists)

**Available in the LRC**

*The Stories of English* by David Crystal

*Making Sense: The Glamorous Story of English Grammar* by David Crystal

Mastering advanced English language by Sara Thorne
English Literature

Books

All Available in the LRC

*An Introduction to Literature, Criticism and Theory* by Andrew Bennett and Nicholas Royle

*The Art of Fiction* by David Lodge

*Wuthering Heights* by Emily Bronte

*Where Angels Fear to Tread* by E.M Forster

*Howard’s End* by E.M. Forster

*The Grapes of Wrath* by John Steinbeck

*Catch 22* by Joseph Heller

*The Innocent* by Ian McEwan

*Birdsong* by Sebastian Faulks

*Regeneration* by Pat Barker

*Behind the Scenes at the Museum* by Kate Atkinson

*The Handmaid’s Tale* by Margaret Atwood

*Nice Work* by David Lodge

*The Child in Time* by Ian McEwan

*To Kill a Mockingbird* by Harper Lee

*Aspects to the Theory of Syntax* by Noam Chomsky

Journals

English Review

Times Literary Supplement

Guardian Review
French

Books

*Candide* by Voltaire

*Le Tartuffe* by Moliere

*Madame Bovary* by Flaubert

*L’Etranger* by Albert Camus

*Un Secret* by Philippe Grimbert

*Bonjour Tristesse* by Francoise Sagan

*Tintin* by Herge (Comic)

*Asterix* by Goscinny and Uderzo (Comic)

Films

*Au revior les enfants* by Louis Malle

*Entre les murs* by Laurent Cantet

*La Haine* by Mathieu Kassovitz

Websites

[www.france2.fr](http://www.france2.fr)
[www.tv5.org](http://www.tv5.org)
[www.zut.org.uk](http://www.zut.org.uk) – free after 4pm and at weekends
[www.bonjourdefrance.com](http://www.bonjourdefrance.com)
[http://www.journauxfrancais.net](http://www.journauxfrancais.net)
[http://www.institut-francais.net](http://www.institut-francais.net)
**Geography**

**Books**

*International Migration: A very short introduction* by K Koser

*Global Warming: A very short introduction* by M Maslin

*The Earth: A very short introduction* by M Redfern

*Geography: A very short introduction* by J Matthews and D Herbert

*Deserts: A very short introduction* by N Middleton

*Atmosphere, Weather and Climate* by R.G. Barry and R.J. Chorley

*Fundamentals of Weather and Climate* by R Mcliven

*Understanding Cultural Geography: Places and traces* by J Anderson

*Economic Geography: A Contemporary Introduction* by J Anderson

*Water: The final resource: How the politics of water will affect the world* by Robin Griffiths

**Magazines and Journals**

National Geographic

Geographical Magazine

Geography Review
**German**

**Books**

*Mutter Courage und ihre Kinder* by Bertolt Brecht

*Andorra* by Max Frisch

*Zonekinder* by Jana Hensel

*Die Verwandlung* by Franz Kafka

*Russendisko* by Wladimir Kaminer

*Der Vorleser* by Bernhard Schlinkj

**Films**

Almanya – Willkommen in Deutschland by Yasemin Samdereli

Good-bye Lenin! By Wolfgang Becker

**Websites**

[www.zdf.de](http://www.zdf.de)

[www.klar.co.uk](http://www.klar.co.uk) – free after 4pm and at weekends

[www.nthulleen.co.uk](http://www.nthulleen.co.uk)

[www.spiegel.de](http://www.spiegel.de)

[www.stern.de](http://www.stern.de)

[www.goethe.de](http://www.goethe.de)

[www.dw.de/themen/s-9077](http://www.dw.de/themen/s-9077)
History

Books

All available in the LRC

*Pompeii* by Mary Beard

*The Whisperers: Private Life in Stalin’s Russia* by Orlando Figes

*Black Culture, Black Consciousness: Afro-American Folk Thought from Slavery to Freedom* by Lawrence Levine

*What is History?* by E.H. Carr

*In Defence of History?* by R.J. Evans

*What is History Now?* by Sir David Cannadine

*The Practice of History* by G.R. Elton

*In Pursuit of History* by John Tosh

*Stuart Britain: A very Short Introduction* by John Morrill

*England under the Tudors* by G. R. Elton

*Tudor England* by J Guy

Websites

http://www.tudors.org

www.ashmolean.org

http://history.wisc.edu/sommerville/361/361-12.htm

Magazines

History Review Available in the LRC

History Today

20th Century History Review

Hindsight
Mathematics

Books

Fermat’s Last Theorem by Simon Singh

Why do buses come in threes? The hidden Mathematics of everyday life by Rob Eastaway and Jeremy Wyndham

How to think about Statistics by John L. Phillips

You are a Mathematician by David Wells

The Penguin Book of Curious and Interesting Puzzles by David Wells

Life’s Other Secret by Ian Stewart

Mathematical Carnival by Martin Gardner

What the Numbers Say: A Field Guide to Mastering Our Numerical World by Derrick Niederman and David Boyum

Alex’s Adventures in Numberland by Alex Bellos

Six Books of Euclid by Oliver Byrne and Werner Oechslin

What is Mathematics? An Elementary Approach to Ideas and Methods by Richard Courant, Herbert Robbins and Ian Stewart

The Mathematical Experience by Philip J Davis and Reuben Hersh

The Housekeeper and the Professor by Yoko Ogawa

Websites

www.nrich.org
**Music**

**Books**

*Music: A Very Short Introduction* by Nicholas Cook

*A Guide to Musical Analysis* by Nicholas Cook

*A History of Western Music* by Richard Taruskin

*Preparatory Exercises in Score Reading* by Howard Ferguson

*Harmony and Voice Leading* by Edward Aldwell and Carl Schachter

**Listening to Music**

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PE

Books

*Exercise Physiology and Functional Anatomy* by C Clegg

*Mechanics and Sport Performance* by P Walder

*Sport & The British* by R Holt

*Moving the Goalposts* by M Polley

*Sport Matters: Sociological Studies of Sport, Violence & Civilisation* by E Dunning

Journals

Journal of Sports Sciences

Journal of Sport and Social Issues

PE Review

Websites

[www.MyPEExam.org.co.uk](http://www.MyPEExam.org.co.uk)

[www.brianmac.co.uk](http://www.brianmac.co.uk)

[www.teachpe.com](http://www.teachpe.com)

[www.sportsinjuryclinic.net](http://www.sportsinjuryclinic.net)
Physics

Books

Surely You’re Joking Mr Feynman: Adventures of a Curious Character by Richard Feynman
The Pleasure of Finding Things Out by Richard Feynman
Moondust: In Search of the Men who Fell to Earth by Andrew Smith
Quantum Theory Cannot Hurt You: Understanding the Mind-Blowing Building Blocks of the Universe by Marcus Chown
A Short History of Nearly Everything by Bill Bryson
Thing Explainer: Complicated Stuff in Simple Words by Randall Munroe
Why does E=mc²? By Brian Cox and Jeff Forshaw
The Cosmic Onion by Frank Close
Just Six Numbers by Martin Rees
A Brief History of Time by Stephen Hawking
The Universe in a Nutshell by Stephen Hawking
Quantum: A guide for the perplexed by Jim Al-Khalili

Available in the LRC

Quantum Theory Cannot Hurt You: Understanding the Mind-Blowing Building Blocks of the Universe by Marcus Chown
A Short History of Nearly Everything by Bill Bryson
A Brief History of Time by Stephen Hawking
The Universe in a Nutshell by Stephen Hawking

Magazines

New Scientist
Scientific American
Nature
Physics Review
Politics

Books

Understanding British and European Political Issues by N McNaughton
British Politics since 1945 by P Dorey
Policy Making in Britain: An Introduction by M Mullard (ed)
The Greening of British Party Politics by M Robinson
The Politics of Welfare: Continuities and Change by N Deakin
The European Union, A Very Short Introduction by J Pinder
Understanding the European Union: A Concise Introduction by J McCormick
Key Concepts in Politics: An Introduction by A Heywood
Constitutional Futures Revisited: Britain’s Constitution in 2020 by A Heywood
Political Philosophy: A Very Short Introduction by David Miller

Websites

http://www.politics.co.uk
http://www.bbc.co.uk/news/politics
http://www.theguardian.com/politics
Psychology

Books

Alice through the Looking Glass by Lewis Carroll
The Extended Phenotype by Richard Dawkins
The Principles of Psychology by William James
How the Mind Works by Stephen Pinker
Making up the Mind by Chris Firth
Something Happened by Joseph Heller
The Interpretation of Dreams by Sigmund Freud
Families and How to Survive Them by Robin Skynner and John Cleese
How Musical is Man by John Blacking
Attachment by John Bowlby
Mental Models by Phil Johnson-Laird
Mistakes were Made (But Not by Me) by Carol Tavris and Elliot Aronson
The Man Who Mistook his Wife for a Hat by Oliver Sachs
The Whisperings Within by David Barash
Opening Skinner’s Box: Great Psychological Experiments of the Twentieth Century by Lauren Slater
The Better Angels of our Nature by Steven Pinker

Magazines and Journals

Psychology Review
Psychologist
Religious Studies, Philosophy and Ethics

Books

*The Puzzle of Ethics* by Peter Vardy

*The Puzzle of God* by Peter Vardy

*Ethics* by J.L. Mackie

*Ethics* by Dietrich Bonhoeffer

*What Does It All Mean?* By Thomas Nagel

*The Philosopher’s Dog* by Raimond Gaita

*An Introduction to Philosophy and Ethics* by Mel Thompson

*The Problem of Philosophy* by Bertrand Russell

*An Introduction to Philosophy of Mind* by David Cockburn

*History of Western Philosophy* by Bertrand Russell

*Society without God* by Phil Zuckerman

*Christian Theology: An Introduction* by Alistair E McGrath

*Feminist Theology: A Reader* by Ann Loades (ed)

*Soul, Psych, Brain: New Directions in the study of Religion and Brain Mind Science* by Kelly Bulkeley (ed)

Magazines and Journals

Bible Alive

Catholic Times

Dialogue

The Tablet

The Universe

Websites

[www.dialogue.org.uk](http://www.dialogue.org.uk)

[www.independence.co.uk](http://www.independence.co.uk)
Sociology

Books

Contemporary British Society by N Abercrombie
Introductory Sociology by T Bilton
Key Ideas in Sociology by M Slattery
Sociology Issues and Debates by S Taylor (ed)
Essentials of Social Research by L Kalof
Culture and Identity by D Abbott
Race and Ethnicity in Modern Britain by D Mason
Family Studies: An Introduction by J Bernardes
The Evolution of the Welfare State by D Fraser
Religion in Modern Britain by S Bruce
Anti-Social Behaviour by A Millie

Magazines and Journals

British Journal of Sociology
British Social attitudes Survey
Sociology Review
Sociology Update
Spanish

Books
Ropa de calle by Luis Garcia Marquez
Los funerals de la mama grande by Gabriel Garcia Marquez
El llano en llamas by Juan Rulfo
La Casa de los espíritus by Isabel Allende
Palabra por Palabra – support for vocabulary

Films
Los lunes al sol director Fernando Leon de Aranoa
Ocho apellidos vascos director Emilio Martinez-Lazarra
Volver by Amodovar

Websites
www.red2000.com
www.studyspanish.com
www.elmundo.es
www.elpais.com