



Urmston Grammar Recommended Reading List

The following is an extensive but not exhaustive list of books, magazines, blogs and websites suggested by each faculty or department at Urmston Grammar for further reading within their subject. Where possible, the Key Stage/year group for which they are most suitable is indicated.

These are only suggestions, and would be suitable for extension work and/or for pupils who are simply interested in a subject and want to find out more. They are particularly recommended for pupils in year 9 and year 11 who are choosing their options for the next key stage to give them a taster of subject matter at the next level.

If you require more guidance on how to access the texts please see your subject teacher or head of department. Your reflections on all further reading can be recorded in your reading journal for future reference.

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The content of all links within this list was suitable at the time of inclusion. We cannot accept any responsibility for other sites linked to, or the information found there. Please exercise discretion when clicking on further hyperlinks.



Urmston Grammar Recommended Reading List

Art & Design

KS5	BOOKS	<ul style="list-style-type: none"> Drawing Projects: An Exploration of the Language of Drawing – Mick Maslen Thomas Heatherwick: Making – Thomas Heatherwick What Are You Looking At?: 150 Years of Modern Art in the Blink of an Eye – Will Gompertz <p>KS4 books still really useful at KS5:</p> <ul style="list-style-type: none"> Extraordinary Sketchbooks: Inspiring Examples from Artists, Designers, Students and Enthusiasts – Jane Stobart Making and Drawing – Kyra Cane
	JOURNALS	<p>Print Journals are regular publications that are peer assessed meaning they are high quality source of the MOST CURRENT information, fantastic for the most fresh work and developments in art and design. Becoming familiar with these now will be great preparation for university study.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Wallpaper* - Design centred magazine, available in the likes of WHSmith and Tesco. www.wallpaper.com <input type="checkbox"/> CRAFTS – By the Crafts Council for those interested in 3D Design and making, available in good design stores and by subscription. www.craftscouncil.org.uk
	WEBSITES	<ul style="list-style-type: none"> <input type="checkbox"/> The Student Art Guide www.studentartguide.com <input type="checkbox"/> a-n Artists Newsletter www.a-n.co.uk <input type="checkbox"/> Arts Council www.artscouncil.org.uk / Crafts Council www.craftscouncil.org.uk <input type="checkbox"/> Phasesmag.com (Contemporary Photography and Graphics) www.phasesmag.com <input type="checkbox"/> Dexigner.com (Design/Creative News) www.dexigner.com <input type="checkbox"/> DesignTaxi.com (Illustration/Architecture/Photography/Fashion) www.designtaxi.com <input type="checkbox"/> DeZeen.com (Architecture/Interiors/Design Technology) www.dezeen.com
	RESOURCES GALLERY	<ul style="list-style-type: none"> <input type="checkbox"/> TATE, National. www.tate.org.uk/art/search <input type="checkbox"/> V&A (Victoria & Albert Museum), London. www.vam.ac.uk <input type="checkbox"/> Saatchi Gallery, London. www.saatchigallery.com <input type="checkbox"/> Design Museum, London. www.designmuseum.org <input type="checkbox"/> Manchester Royal Exchange Craft Shop & Gallery www.royalexchange.co.uk/craft-shop <input type="checkbox"/> Manchester Craft & Design Centre www.craftanddesign.com <input type="checkbox"/> Bluecoat Display Centre, Liverpool. www.bluecoatdisplaycentre.com <input type="checkbox"/> Ruthin Craft Centre, North Wales. www.ruthincraftcentre.org.uk
	EXHIBITIONS ARTS	<ul style="list-style-type: none"> <input type="checkbox"/> Liverpool Design Festival www.biennial.com <input type="checkbox"/> London Design Week www.londondesignfestival.com <input type="checkbox"/> CornerHouse, Manchester. www.cornerhouse.org <input type="checkbox"/> FutureEverything, Manchester. www.futureeverything.org <input type="checkbox"/> Forma Arts, London. www.forma.org.uk <input type="checkbox"/> Liverpool Lantern Company www.lanterncompany.co.uk



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KS4	BOOKS	<ul style="list-style-type: none"> • Extraordinary Sketchbooks: Inspiring Examples from Artists, Designers, Students and Enthusiasts – Jane Stobart • Making and Drawing – Kyra Cane • Artists' Journal and Sketchbooks: Exploring and Creating Personal Pages – Lynne Perrella • Doodles Unleashed: Mixed-Media Techniques for Doodling, Mark-Making & Lettering – Traci Bautista <p>All books also very good if you are considering Art in the Sixth Form</p>
	WEBSITE	<ul style="list-style-type: none"> <input type="checkbox"/> The Student Art Guide www.studentartguide.com <input type="checkbox"/> BBC Bitesize Art & Design www.bbc.co.uk/schools/gcsebitesize/art/ <input type="checkbox"/> Arts Council www.artscouncil.org.uk / Crafts Council www.craftscouncil.org.uk <input type="checkbox"/> Phasesmag.com (Contemporary Photography and Graphics) www.phasesmag.com
	GALLERY RESOURCES	<ul style="list-style-type: none"> <input type="checkbox"/> TATE, National. www.tate.org.uk/art/search <input type="checkbox"/> V&A (Victoria & Albert Museum), London. www.vam.ac.uk <input type="checkbox"/> Saatchi Gallery, London. www.saatchigallery.com <input type="checkbox"/> Design Museum, London. www.designmuseum.org <input type="checkbox"/> Manchester Royal Exchange Craft Shop & Gallery www.royalexchange.co.uk/craft-shop <input type="checkbox"/> Manchester Craft & Design Centre www.craftanddesign.com <input type="checkbox"/> Bluecoat Display Centre, Liverpool. www.bluecoatdisplaycentre.com <input type="checkbox"/> Ruthin Craft Centre, North Wales. www.ruthincraftcentre.org.uk
KS3	WEBSITES	<ul style="list-style-type: none"> <input type="checkbox"/> The Student Art Guide www.studentartguide.com <input type="checkbox"/> BBC Bitesize Art & Design www.bbc.co.uk/schools/gcsebitesize/art/



Business Studies

How I Made It: 40 Successful Entrepreneurs Reveal How They Made Millions

- Rachel Bridge

An essential read for anyone that is thinking about starting their own business. Successful Entrepreneurs are interviewed about how they spotted a gap in a market, and developed a USP.

The Tipping Point: How Little Things Can Make a Big Difference - Malcolm Gladwell

A very readable and fascinating book, which looks into the reasons products become market leaders.

The Toyota Way: 14 Management Principles from the World's Greatest Manufacturer - Jeffrey Liker

Covers Japanese Management Techniques such as Kaizen and TQM.

Business Stripped Bare: Adventures of a Global Entrepreneur

- Sir Richard Branson

The autobiography of Britain's most famous entrepreneur.

The Intelligent Investor

- Benjamin Graham

The classic book on stock market investment, as recommended by Warren Buffet.

No Logo

- Naomi Klein

Klein investigates the negative side to marketing and globalisation.

Dragons Den; success from pitch to profit

- Cast of Dragons' Den, BBC

See also: City/Business section of any daily newspapers



Chemistry

For Years 7 – 9:

Molecules: The Elements and the Architecture of Everything

- **Theodore Gray**

The Elements: A Visual Exploration of Every Atom in the Universe

A Beginner's Guide to the Periodic Table

- **Gill Arbuthnott**

A Short history of nearly everything

- **Bill Bryson**

For Years 10 – 11:

Periodic Tales. The curious lives of the elements.

- **Hugh Aldersey-Williams**

Natures building blocks. An A to Z guide to the Elements.

- **John Emsley.**

Elements of Murder: A history of poison.

- **John Emsley.**

H₂O: A biography of water.

- **Phillip Ball**

Year 12 - 13

Molecules

- **Peter Atkins**

Oxygen: The molecule that made the world.

- **Nick Lane**

The joy of Chemistry: The amazing science of Familiar things.

- **Cobb and Fetterolf**

Reactions: The private life of atoms.

- **Peter Atkins**

What is Chemistry?

- **Peter Atkins**

More advanced chemistry books

(These books are definitely not popular science books for a little light reading. The books are on the reading list for pre-Natural Sciences at Cambridge).

Why Chemical reactions happen.

- James Keeler, Peter Worthers

Made to measure: New Materials for the 21st Century.

- Philip Ball



Urmston Grammar Recommended Reading List

Economics

Billions of Entrepreneurs: How China and India Are Reshaping Their Futures and Yours - **Tarun Khanna**

An investigation into Asia's two growing economic powers.

House of Cards: How Wall Street's Gamblers Broke Capitalism - **William D Cohan**

Explains the reason behind the continuing global financial crisis, which started in September 2008.

23 Things they don't tell you about capitalism

- **Ha Joon Chang**

A serious book by a serious academic, though very easy to read!

Freakonomics

- **Levitt and Dubner**

Popular and easy to read, making the links between Economics and everything else!

Adapt: Why Success Always Starts with Failure

- **Tim Harford**

How Markets Fail: The Logic of Economic Calamities

- **John Cassidy**

Crisis Economics

- **Noriel Roubini**

One of the few men, able to say "I told you so" about the global economic crisis of 2008

Globalization and its Discontents

- **Joseph Stiglitz**

The downside of globalisation explored



Urmston Grammar Recommended Reading List

English Language & Literature:

In addition to the books already listed on the Urmston I32, you might consider:

KS3

1. Poetweet: Now you can turn your tweets into a poem –

<http://www.telegraph.co.uk/women/womens-life/11374542/Twitter-poems-Now-you-can-turn-your-tweets-into-verse-on-Poetweet.html>

2. Good Reading –

<http://www.goodreads.com/blog/>

3. Vocabulary Building –

<http://www.freerice.com>

4. Making Rhyming Poems –

<http://www.theguardian.com/childrens-books-site/2015/feb/22/your-time-to-rhyme-a-dr-seuss-challenge>

KS4

5. Great Sports Journalism –

<http://www.telegraph.co.uk/sport/columnists/jonathan-liew/>

6. Great Political Commentary –

<http://www.independent.co.uk/biography/mark-steel>

7. Slightly More Than 100 Fantastic Pieces of Journalism –

<http://www.theatlantic.com/national/archive/2014/05/slightly-more-than-100-fantastic-pieces-of-journalism/284564/>

KS5

8. Great Literature –

<https://onehundredpages.wordpress.com/>

9. Lots and lots of great books –

<https://www.gutenberg.org/>

10. English Language & Linguistics –

<https://linguisticus.wordpress.com/>

11. Long Reads: great non-fiction writing

<http://longreads.com/>



Food Technology

- KS3** All About Food: Helen McGrath (Oxford)
The Food Book: Jenny Ridgewell (Heinemann)
Topical food articles from the National Press
www.nhs.uk/change4life
<http://www.fruitsandveggiesmorematters.org/>
<http://www.foodafactoflife.org.uk/>
- KS4** Cooking Explained: Jill Davies (Hammond's)
Manual of Nutrition: Food Standards Agency
Examining Food and Nutrition: Jenny Ridgewell (Heinemann)
Topical food and hygiene articles from the National Press
www.nhs.uk/change4life
www.bbc.co.uk/health
www.nutrition.org.uk
- KS5** The Science of Food: Gaman & Sherrington (Pergamon)
Human Nutrition and Dietetics: Garrow, James, Ralph (Churchill Livingstone)
Diet and Nutrition: Brenda Piper (Stanley Thornes Press)
Topical food, hygiene and demography articles from the National Press
The Food Programme: Radio 4
www.statistics.gov.uk
www.nutrition.org.uk
www.food.gov.uk



Urmston Grammar Recommended Reading List

Geography

All Geography students get a list of useful websites at the start of the year and the school librarian has a copy as well as an additional reading list. Here are some suggestions to get started:

KS3

<http://www.coolgeography.co.uk/>

<http://www.acegeography.com/>

<http://www.geography-site.co.uk/>

Horrible Geography book series

KS4

<http://www.coolgeography.co.uk/>

<http://www.acegeography.com/>

Bill Bryson travel series & any travel stories.

KS5

<http://www.coolgeography.co.uk/>

<http://www.acegeography.com/>

<http://www.newgeography.com/> - Human geography, politics, economics etc

<http://www.theguardian.com/science/geography>

<http://joelakey.com/geography/>



Especially good for Year 10 and above ...



History

Year 7

Rosemary Sutcliffe – The Eagle of the Ninth (A story of the Roman Army in

Britain) Dan Jones – Summer of Blood; the Peasants Revolt of 1381

Christopher Lloyd - The Magna Carta Chronicle: A Young Person's Guide to 800 Years in the Fight for Freedom

Helen Hollick - A Hollow Crown (A story of Saxons and Normans)

Year 8

HM Castor – VIII (A story of Henry VIII)

Charles Dickens – Oliver Twist (A story of Victorian poverty and crime)

Bernard Doherty – Street Child (a classic story of Victorian London)

Elizabeth Abbott – Sugar: A Bittersweet History

Year 9

Rosa Parks – My Story

Anne Moody – Coming of Age in Mississippi

Hillary Jordan – Mudbound

Year 10 and 11

Roy Porter – The Greatest Benefit to Mankind: A medical history of humanity

Erik Larson - In the Garden of Beasts: Love, Terror, and an American Family in Hitler's Berlin

Thomas Harding - Hanns and Rudolf: The German Jew and the Hunt for the Kommandant of Auschwitz

Year 12 and 13

Tim Harris - Rebellion: Britain's First Stuart Kings, 1567-1642

James M. McPherson - Battle Cry of Freedom: The Civil War Era

Adam Fairclough - Better Day Coming: Blacks and Equality 1890-2000



Urmston Grammar Recommended Reading List

ICT/Computing

The Guardian Technology Section on the Saturday/Sunday edition –KS3/4

<http://www.codecademy.com/en/tracks/python> - KS3/4 Python Tutorials

<http://gadgetshow.channel5.com/> - KS3/4 Gadget show

<http://www.bbc.co.uk/news/technology> - BBC Technology

<http://www.bbc.co.uk/education/subjects/zqmtsbk> - GCSE ICT Revision

www.techradar.com – KS4 Digital news for gadgets etc

Computational fairy tales - ***Jeremy Kubica***



Mathematics

KS3

The Number Devil - **Hans Magnus Enzensberger**

Murderous Maths - **Kjartan Boskitt**

The Code Book (abridged) - **Simon Singh**

Alex's Adventures in Numberland - **Alex Bellos**

Alex through the Looking Graph - **Alex Bellos**

KS4

Thinking In Numbers - **Daniel Tammet**

The Code Book - **Simon Singh**

KS5

The Book of Curious and Interesting Puzzles - **David Wells**

What is Mathematics? - **Richard Courant & Herbert Robbins**

I089 and All That: A Journey Into Mathematics - **David Acheson**

The Penguin Dictionary of Curious and Interesting Numbers - **David Wells**

Crypto - **Steven Levy**

The Code Book - **Simon Singh**

Uncle Petros and Goldbach's Conjecture - **Apostolos Doxiadis**

Introducing Fractal Geometry - **Nigel Lesmoir-Gordon, Will Rood & Ralph Edney**

Five Equations That Changed the World - **Michael Guillen**

The Book of Numbers - **Tim Glynne-Jones**

The Mathematical Olympiad Handbook - **A. Gardiner**

Letters to a Young Mathematician - **Ian Stewart**

Mathematical Mountaintops - **John L. Casti**

What Do You Care What Other People Think? - **Richard P Feynmann**

God Created The Integers - **Stephen Hawking**

A Mathematician's Apology - **G.H. Hardy**

Chaos - **James Gleick**

Lewis Carroll In Numberland - **Robin Wilson**

Godel, Escher, Bach: An Eternal Golden Braid - **Douglas R. Hofstadter**

Chaotic Fish Ponds and Mirror Universes - **Richard Elwes**



Urmston Grammar Recommended Reading List

Modern Languages

Books for A-Level

French

La Place
-**Annie Ernaux**

Le Silence de la Mer
-**Vercors**

Le Blé en Herbe
-**Colette**

Boule de Suif
-**Guy de Maupassant**

L'Etranger
-**Albert Camus**

Vol de Nuit
-**Antoine de Saint-Exupéry**

L'Eau des Collines
-**Marcel Pagnol**

Les Mains Sales
-**Jean-Paul Sartre**

Candide
-**Voltaire**

German

Der Besuch der Alten Dame
-**Friedrich Dürrenmatt**

Katz und Maus
-**Günter Grass**

Die Verwandlung
- **Franz Kafka**

Der Vorleser
- **Bernhard Schlink**

Languages/ Linguistics in General

The Language Instinct
-**Steven Pinker**

Eats, Shoots and Leaves
-**Lynne Truss**

You Say Potato: A book about Accents
-**Crystal & Crystal**

Metaphors we live by
-**George Lakoff**

Stories for Years 7-11

Le Petit Prince - Antoine de Saint-Exupéry

Familiar Fairy Tales in a foreign language

auf Deutsch: http://germanstories.vcu.edu/grimm/rot_dual.html

en français: www.thefrenchexperiment.com/stories

Der Struwwelpeter - Heinrich Hoffmann (not for the faint-hearted)

Languages Magazines (Years 7-11)

A variety of **French** (*Bonjour, Ça Va* and *Chez Nous*), **German** (*Schuss, Rad* and *Hallo*) and **Spanish** (*Que Tal?*)

language magazines are available in the LRC and from your languages teachers- just ask!



Blogs For A Level

Glossologics (blog about translation)

<https://alexpolistigers.wordpress.com/>

The Mashed Radish (blog about etymology)

<http://mashedradish.com/>

And Read all over (blog about language use)

<http://andreadallover.com/>

The Language Log (Linguistics Blog)

<http://languagelog.ldc.upenn.edu/nll/>

French Crazy (blog about French culture in English)

<http://www.frenchcrazy.com/>

La Douce France (blog about French **en français**)

<https://hamillfrenchblog.wordpress.com/>

A compendium of articles about science, politics and much more (**auf Deutsch**)

<http://www.planet-wissen.de/>

News Websites

www.1jour1actu.com (simplified news stories for children in French)

www.tivi.de (and in German)

www.sowieso.de

<http://www.dw.de/learn-german/s-2469> (in various levels of difficulty)

Football Websites

Many of the biggest football teams (including City and United) have websites that can be read in other languages including Spanish and French.

BBC

Keep up to date with stories in Europe and further-flung Franco-, Germano- and Hispanophone world on <http://www.bbc.co.uk/news/world/> and <http://www.bbc.co.uk/news/world/europe/>.

There are also stories in French about francophone Africa here: <http://www.bbc.co.uk/afrique> and hispanophone South America here:

<http://www.bbc.co.uk/mundo>



Physics

KS3

Why is snot green?

Glenn Murphy

ISBN = 978-0-330-44852-9

Hitchhiker's guide to the galaxy

Douglas Adams

How loud can you burp?

Glenn Murphy

ISBN = 978-0-330-45409-4

KS4

A short history of nearly everything

Bill Bryson

ISBN = 0-552-99704-8

KS5

Everything that can happen does happen

B Cox and J Forshaw

ISBN = 978-1-846-14432-5



Politics

Year 12

Private Eye

Broadsheet Newspapers

Politics and Governance in the UK

- Michael Moran

Year 13

Animal Farm

- George Orwell

Brave New World

- Aldous Huxley

The Enlightenment and Why it Still Matters

- Anthony Pagden

Ideas that Matter

- A.C. Grayling

The Communist Manifesto

- Karl Marx & Friedrich

Engels On Politics

- Alan Ryan

Psychology

The Man who Mistook His Wife For a Hat - Oliver Sachs

The Examined Life: How we lose and Find Ourselves - Stephen Grosz

The Man Who Couldn't Stop - David Adam

Freud: A Beginner's Guide – Ruth Berry



Religious Education

Books on Urmston I32

Year 7

“The Lion the Witch and the Wardrobe” - **C.S.**

Lewis “Diary of a Young Girl” - **Anne Frank**

Year 8

“The Life of Pi” - **Yan Martel**

Year 9

“The Way of the Peaceful Warrior” - **Dan Millman**

KS4/5

“Sophie’s World” - **Jostein Gaarder**

Websites

KS3

This is a useful website to learn about the basics of the 6 major world religions:

<http://primaryhomeworkhelp.co.uk/Religion.html>

Y7 Judaism: this website gives information about the Manchester Jewish Museum.

<http://www.manchesterjewishmuseum.com/>

Y8 Hinduism: this website gives information about a Hindu Temple in Manchester.

<http://www.gitabhavan.co.uk/>

Y9 Buddhism: these websites give information about the Manchester Buddhist Centre.

<http://www.manchesterbuddhistcentre.org.uk/> <http://www.clear-vision.org/schools/Ask-a-Buddhist.aspx>

KS4

Religion & ethics: reading about the 6 major world religions and ethical issues.

<http://www.bbc.co.uk/religion>

Current affairs: Keep up to date with religious and ethical issues in the news.

<http://www.bbc.co.uk/news/>

KS5

RS Review – Philip Allen Updates

A copy of this magazine is in the library and in the Department:

Current affairs: Keep up to date with religious and ethical issues in the news:

<http://www.bbc.co.uk/news/>

An excellent website for revising A Level RS Philosophy & Ethics:

<http://www.rsrevision.com/Alevel/>



Science

Magazines and Journals

1. BBC Wildlife Magazine*
2. BBC Science*
3. COSMOS the science of everything*
4. Discover*
5. New Scientist
6. Popular Science: How It Works*
7. Science Illustrated
8. Science News

(* indicates suitable for KS3 pupils)

Books

1. A Brief History of Time by Stephen Hawking
2. A Short History of Nearly Everything by Bill Bryson
3. The Selfish Gene by Richard Dawkins
4. The Immortal Life of Henrietta Lacks by Rebecca Skloot
5. The Elegant Universe: Superstrings, Hidden Dimensions, and the Quest for the Ultimate Theory by Brian Greene*
6. The Origin of Species by Charles Darwin
7. The Greatest Show on Earth: The Evidence for Evolution by Richard Dawkins*
8. Stiff: The Curious Lives of Human Cadavers by Mary Roach
9. Surely You're Joking, Mr. Feynman!: Adventures of a Curious Character by Richard P. Feynman
10. The Disappearing Spoon: And Other True Tales of Madness, Love, and the History of the World from the Periodic Table of the Elements by Sam Kean
11. The Fabric of the Cosmos (Space, Time, and the Texture of Reality) by Brian Greene*
12. Packing for Mars: The Curious Science of Life in the Void by Mary Roach*
13. The Man Who Mistook His Wife for a Hat and Other Clinical Tales by Oliver Sacks*
14. Bad Science by Ben Goldacre*
15. What If?: Serious Scientific Answers to Absurd Hypothetical Questions by Randall Munroe*
16. The Hot Zone: The Terrifying True Story of the Origins of the Ebola Virus by Richard Preston
17. The Structure of Scientific Revolutions by Thomas S. Kuhn
18. Genome: the Autobiography of a Species in 23 Chapters by Matt Ridley
19. A Universe from Nothing: Why There Is Something Rather Than Nothing by L. M. Krauss
20. Your Inner Fish: A Journey into the 3.5-Billion-Year History of the Human Body by Neil Shubin
21. Longitude: The True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time by Dava Sobel, Neil Armstrong*

Online

1. SNAPSHOT SCIENCE*
2. Click Biology
3. Chem Book
4. Biology Questions & Answers
5. If It's Green It's Biology
6. Glen Gilchrist*
7. School Physics
8. Science Active
9. Teachable Science
10. Skool*



Sociology

To Kill A Mockingbird

– **Harper Lee**

Chavs: The demonization of the Working Class

– **Owen Jones**

Gang leader for a Day

– **Sudhir Venkatesh**

The Beauty Myth

- **Naomi Woolf**

The Handmaid's Tale

– **Margaret Atwood**

McMafia

- **Mischa Glenny**

Podcasts:

[!\[\]\(5d954b3e270654ad8ab0d5913161c03c_img.jpg\) The Sociology Show \(\[spreaker.com\]\(https://www.spreaker.com/show/the-sociology-show\)\)](#)

Guardian.co.uk (or any broadsheet)

Sociology Review magazine