

# Sixth Form Watch, Listen and Read Lists

Please find attached relevant reading lists for all the A level subjects running for the 2023-24 academic year



[Sixth Form Reading List Book Recommendations \(schoolreadinglist.co.uk\)](https://schoolreadinglist.co.uk/) Year 12  
[Sixth Form Reading List Book Recommendations \(schoolreadinglist.co.uk\)](https://schoolreadinglist.co.uk/) Year 13

## ART

### A Level Fine Art – Reading List

3 books to get students thinking about art.

Herschel b. Chipp 'Theories of modern art'

E H Gombrich 'Art and Illusion'

Herbert Read 'The concise history of modern art'

## BUSINESS

### A Level Business – Reading List

Suggested extra reading :

The Lean Startup – Eric Reis

Beer mat entrepreneur – Mike Southon

Good to Great – Jim Collins

## BIOLOGY

### Books

**Serendipity in Science (Book) (All Science) Serendipity:** Accidental Discoveries in Science: 15 (Wiley Science Editions): Amazon.co.uk: Roberts, Royston M.: 9780471602033: Books

**Science(ish) The peculiar science behind the movies -** Science(ish): The Peculiar Science Behind the Movies (Audio Download): Rick Edwards, Michael Brookes, Rick Edwards, Michael Brookes, Isis Publishing Ltd: Amazon.co.uk: Books

**Secrets of the Human Body (Biology)** Secrets of the Human Body : Tulleken, Chris van, Tulleken, Xand van, Cohen, Andrew: Amazon.co.uk: Books

**Unprocessed: How the food we eat is fuelling our mental health crisis** -Unprocessed: How the Food We Eat Is Fuelling Our Mental Health Crisis (Audio Download): Kimberley Wilson, Kimberley Wilson, Penguin Audio: Amazon.co.uk: Books

### Journals

**Cancer revolution** - Cancer evolution: Darwin and beyond | The EMBO Journal (embopress.org)

**Does what you eat effect your mood?** Mood and gut feelings - ScienceDirect

**The origins of quantum biology** - The origins of quantum biology | Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences (royalsocietypublishing.org)

**Mouse model of Type 1 Diabetes**

**Quantum Physics in Living Matter: From Quantum Biology to Quantum Neurobiology** - Quantum Physics in Living Matter: From Quantum Biology to Quantum Neurobiology | Tarlac | NeuroQuantology (jneuroquantology.com)

## CHEMISTRY

### Books

**Serendipity in Science (Book) (All Science)** - Serendipity: Accidental Discoveries in Science: 15 (Wiley Science Editions): Amazon.co.uk: Roberts, Royston M.: 9780471602033: Books

**Science(ish) The peculiar science behind the movies** - Science(ish): The Peculiar Science Behind the Movies (Audio Download): Rick Edwards, Michael Brookes, Rick Edwards, Michael Brookes, Isis Publishing Ltd: Amazon.co.uk: Books

**Chemistry for breakfast Chemistry for Breakfast:** The Amazing Science of Everyday Life: Amazon.co.uk: Nguyen-Kim, Mai Thi, Lenkova, claire: 9781778400322: Books

**The disappearing spoon** - The Disappearing Spoon...and other true tales from the Periodic Table: Amazon.co.uk: Kean, Sam: 9780552777506: Books

**H2O A Biography of water H2O:** A Biography of Water: Amazon.co.uk: Ball, Philip: 9780753810927: Books

**Periodic tales – the curious lives of elements** - H2O: A Biography of Water: Amazon.co.uk: Ball, Philip: 9780753810927: Books

### Journals

**What is consciousness?** From quantum chemistry to quantum biology: a path toward consciousness (imrpess.com)

## CHILD DEVELOPMENT

### BTEC Child Development – Reading List

Suggested Reading:

Child development and the brain: An Introduction  
by Rob Abbott and Esther Burkit

[Baby & toddler | Evidenced-based information on babies & toddlers | NCT](#)

[Your baby's developmental milestones at 9 months | UNICEF Parenting](#)

[Early years foundation stage \(EYFS\) statutory framework - GOV.UK \(www.gov.uk\)](#)

### Watch list

The secret life of .... Channel 4.  
[Child of Our Time - Wikipedia](#)

# Engineering Reading List

Some excellent books to read if you have a love of engineering. All universities include reading lists to help students explore aspects of engineering. Why not look for further ideas on their sites.

### **Structures – or Why Things Don't Fall Down by J.E. Gordon**

This Engineering book has been read by countless people with an interest in engineering across the globe. Straightforward and relatively accessible, it is the perfect introduction for aspiring students. This will help ease some of the misunderstandings you may have about engineering and answer meaningful questions that often get overlooked.

### **Hello World: How to be Human in the Age of the Machine by Hannah Fry**

Hannah Fry takes us on a tour of the good, the bad and the downright ugly of the algorithms that surround us. In Hello World she lifts the lid on their inner workings, demonstrates their power, exposes their limitations, and examines whether they really are an improvement on the humans they are replacing.

### **The Design of Everyday Things by Don Norman**

Design is simple, right? You make a product that solves the problem you want to address, and voilà! But in reality, effective and efficient design is an ongoing process accompanying the change and evolution of the world around us. In this book, Don Norman shows how the design of an item serves as a communication channel between a non-living object and its user. Tips and tricks give readers a better insight on how to build objects in the best way, meaning this is a great read for anyone, at any stage in their engineering career!

### **Sustainable Materials – With Both Eyes Open by Julian Allwood and Jonathan Cullen**

Engineering designs are heavily dependent on the materials available for use. Sustainability is increasingly important as our global society looks to address urgent environmental concerns. For example, steel and aluminium industries alone account for nearly 30% of global emissions. Governments are now setting emissions targets that rightfully require the engineering industry to reform its practices; the materials we use, and their life cycles, are changing. Serving two purposes, this book is both a wakeup call to the environmental impact of engineering and a solutions manual. Not just for engineers, this is an interdisciplinary resource of information and inspiration for all parties involved in addressing the climate crisis.



## **The Gecko's Foot: How Scientists are Taking a Leaf from Nature's Book by Peter Forbes**

Nature is breath-taking. Evolution is even more astounding. The solutions to many of the problems engineers face have in fact already been found and tested by nature. And so, this book argues, our task is to imitate nature by applying natural phenomena to our practical engineering problems. A gecko can scale vertical glass and walk on ceilings, thanks to the millions of bristles that each ramify into hundreds of further projections. This book discusses the work of nano-scientists looking to replicate this feature, among many other examples of scientists harnessing the beautiful solutions of nature.

## **Engineer to Win by Carol Smith**

Carol Smith is a legendary high-performance Formula 1 racer. As the title suggests this book explores the commitment to performance that is necessary at world-class level. For those serious about becoming a highly successful engineer, this book will enlighten you on the mentality, attitude, and skills you will need to build a career. Additionally, it is doubly relevant to those interested in mechanical, aerospace and materials disciplines, given the nature of Smith's research.

## **An Astronaut's Guide to Life by Chris Hadfield**

This book explores the mind of Christ Hadfield, an astronaut, and Chief of the International Space Station, who has worked to bring space science to a level accessible by the general population. Full of insights on life, love, commitment, and the determination necessary to be an astronaut, this book will open up a whole new perspective on how to approach your studies and your career as an engineer.

## **Success Through Failure: The Paradox of Design by Henry Petroski**

You may have heard the saying "the biggest problem is finding out what the problem itself is." This is a constant reality and responsibility for engineers, who must design solutions to ever-changing and increasingly complex problems. Sometimes engineers get it almost perfectly right, and other times we don't. Looking at the essence of invention, Henry Petroski argues that we have often built success on the back of failure, not through the easy imitation of success. He adds that there is no surer road to failure than modelling designs solely on past successes. This book will expand your appreciation of engineers past and present and will encourage you to adapt your approach to the trickiest engineering problems.

## **How to Fail at Almost Everything and Still Win Big by Scott Adams**

Building on the same ideas of Success Through Failure, this book by Scott Adams gives further tricks and ideas to help you out of sticky situations where you might come across failure. Not just applicable to your engineering concerns, this will help the reader to navigate through life with resilience and the right attitude towards success and failure.

## Core Concepts

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### Core concepts introduction

The emphasis throughout the course is on practical investigation – an essential element of electronics. The best way to demonstrate ability and understanding in electronics is to design, build and test an electronic system to satisfy a given brief.

This section, however, is not intended to generate experimental work. Much of it will be familiar to you from earlier studies.

This is a reference area for whenever you need a reminder about the basic circuit concepts during the course.

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### 1. Electronic Systems

#### Learning Objectives:

At the end of this topic you should be able to:

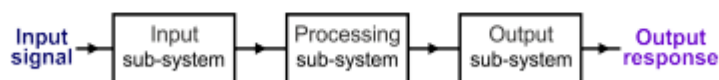
- recognise that electronic systems are assembled from sensing, processing and output sub-systems;
- state the need for and use driver sub-systems;
- design, analyse or modify a block diagram of a system.

An electronic system responds in a *predictable* way when it receives input signals. It processes the input signals and provides a signal to drive an output device.

Non-electrical input signals are converted into electrical form by **input sensing units**. For example, a switch unit converts pressure applied to the contacts into an electrical signal.

The output response is often non-electrical in nature. **Output devices** convert the processed electrical signal into another form. For example, a buzzer unit converts an electrical signal into sound.

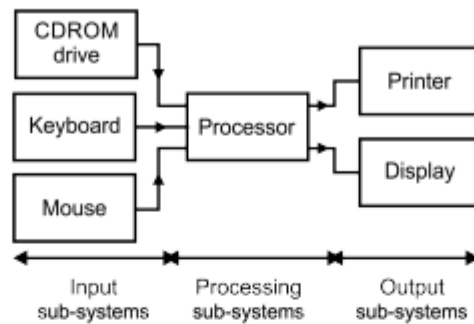
In its simplest form, an electronic system can be represented by the following block diagram.



Sub-systems form the 'building blocks' that make up the complete system, each performing a specific function.

### Example:

The Personal Computer (PC) is a system which has been designed to process digital data. Data can be fed into the system through various input sub-systems. The PC processes this data and can provide us with the result through its output sub-systems.



### Electronic Sub-systems

There are three sections to an electronic system:

- input sub-systems;
- signal processing sub-systems;
- output sub-systems.

#### Input Sub-systems

Processing sub-systems can only process electrical signals. The input sub-systems convert non-electrical signals, e.g. light, into electrical form.

They can be subdivided into two types:

- digital sub-systems;
- analogue sub-systems.

The following table describes the action of a range of input sub-systems.

Name	Type	Action
Switch unit	Digital	Detects pressure applied to it and outputs a 'high' or 'low' signal.
Light-sensing unit	Analogue	The output signal changes as the light level changes.
Moisture-sensing unit	Analogue	The output signal changes as the moisture level changes.
Temperature-sensing unit	Analogue	The output signal changes as temperature changes.
Reed switch unit	Digital	Detects a magnetic field and outputs a 'high' or 'low' signal.

The next sub-system is also usually classed as an input sub-system.

Name	Type	Action
Pulse generator unit	Digital	Converts a steady DC signal into a stream of pulses.

## Signal Processing

These include driver sub-systems. These are needed wherever the processing sub-system is incapable of providing enough current to drive the output devices.

They are often based on two components, the bipolar transistor, such as a NPN transistor, and the MOSFET. Motors and solenoids require a large current and need heavy-duty driver circuits.

The driver is always connected directly before the output sub-system.

You will use a wide range of processing sub-systems during the course, including logic, delay and counting units.

## Output Sub-systems

These convert the electrical signal from the processing section into some other physical form, such as heat, light or movement.

The following table describes the action of a range of output sub-systems.

Name	Action
Lamp unit	Converts an electrical signal into light.
Buzzer unit	Converts an electrical signal into sound
Motor unit	Converts an electrical signal into rotational motion
Solenoid unit	Converts an electrical signal into linear motion
Servo unit	Converts an electrical signal into an angular position

## Designing electronic sub-systems

Follow this procedure:

- select appropriate input sub-systems;
- select appropriate output sub-systems;
- select appropriate processing sub-systems;
- draw a block diagram of the system;
- set up and test the system;
- make changes, if required, re-test and modify the block diagram of your design.



## 2. Fundamental Circuit Concepts

### Learning Objectives:

At the end of this topic you should be able to:

- distinguish between electrical charge, current and voltage;
- distinguish between energy supplied and power rating;
- recall and use the formula:  $P = I \times V$ ;
- distinguish between conductors, insulators and semiconductors in terms of their electrical conduction properties;
- distinguish between series and parallel connections;
- recall that ammeters are connected in series with the component under investigation, that voltmeters are connected in parallel with the component under investigation and that multimeters combine the functions of ammeter and voltmeter.

### Electrical quantities:

Nearly all electrical effects - heating, magnetic and chemical - come from the behaviour of tiny particles called electrons, constituents of all atoms. These carry a small quantity of negative electrical **charge** and so repel other bodies carrying negative charge and attract positively charged bodies.

Usually, an electric **current** is a flow of electrons. It could be measured in units of 'electrons per second'. However, they are far too small to see or count. Instead, we use a unit called the ampere, or amp (**A**) for short.

The electrical **charge** they carry is minute. We measure charge in units called coulombs (**C**). An electric current transfers charge from one region to another. A current of 1 A transfers a charge of 1 C every second.

The **voltage** of a power supply is the driving force that pushes current around a circuit. The larger the voltage, the bigger the push. Put another way, it is a measure of the energy transferred by the electrons as they flow. **Energy** occurs in a wide variety of forms - heat, light, movement etc. It can be changed from one form to another. It is measured in joules (**J**). The energy transferred by a single electron is too small to measure. Instead, voltage measures the energy transferred by a coulomb of charge.

**Power** measures the rate at which energy is transferred from one form to another. The unit, the watt, indicates that one joule of energy is being transferred every second.

### Electrical formulae

The relationship between electrical charge transferred **Q** in time **t** and current **I** is:  $Q = I \times t$

The energy **E** delivered in time **t** by a power source **P** is:  $E = P \times t$

The energy **E** transferred when a charge **Q** moves between two points with a voltage **V** across them is:  
 $E = V \times Q = V \times I \times t$

The relationship between electrical power **P**, voltage **V** and current **I** is:  $P = V \times I$

**Example 1:**

A 1.5 W lamp is switched on for 12 s. What energy does it deliver?

$$\begin{aligned}\text{Using } E &= P \times t \\ E &= 1.5 \times 12 \\ &= 18 \text{ J}\end{aligned}$$

**Example 2:**

A lamp is connected to a 12 V supply. As a result, a current of 0.1 A flows through it.

What energy does it deliver in 30 s?

$$\begin{aligned}\text{Using } E &= V \times I \times t \\ E &= 12 \times 0.1 \times 30 \\ &= 36 \text{ J}\end{aligned}$$

**Conductors and insulators:**

Some materials allow electric currents to flow through them with little opposition. In these, some electrons are only loosely attached to the atoms and need very little energy to free them and allow them to wander through the material. These are called **conductors**. Most metals, copper and gold for example, are good conductors.

In others, the electrons are tightly bound to the atoms and cannot take part in an electric current. These are called **insulators**. Examples include polythene, glass and rubber.

A third class of materials allows some current to flow and their electrical properties can be altered radically by adding specific impurities to them. These are called **semiconductors**. Silicon and germanium are examples of semiconductors. They play a very important role in modern electronics.

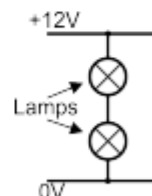
**Types of circuit:**

Components can be connected in two ways - **series** connections and **parallel** connections.

In series components:

- are connected in a line, one after the other;
- are connected to each other only at one point;
- offer only one path for the electric current.

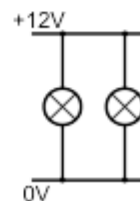
The circuit shows two lamps connected in series.



In parallel components:

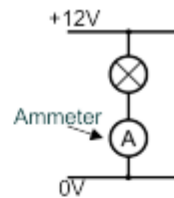
- are connected independently to the power source ;
- are connected to each other at both ends;
- offer a choice of path for the electric current.

The circuit shows two lamps connected in parallel.

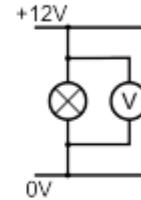


## Measuring electricity:

Electric current is measured using an **ammeter**. It is connected **in series** with the component under investigation, a lamp is shown in the diagram.



Voltage is measured using a **voltmeter**. It is connected **in parallel** with the component under investigation, again a lamp is shown in the diagram.



These meters come in both analogue and digital format.

Analogue meters usually have a pointer that moves across a scale as the quantity changes.



The digital version gives a direct readout of the quantity.



The multimeter is a very cost effective way to buy electrical instrumentation. It can measure both current and voltage, both AC and DC, over a range of a wide range of readings. Many multimeters offer other functionality, such as the ability to measure resistance, capacitance and frequency.

### Be aware

The ammeter ranges are protected by a fuse located inside the body of the multimeter. This fuse may have 'blown', in which case the ammeter ranges will not work.



### 3. Three important laws

#### Learning Objectives:

At the end of this topic you should be able to:

- apply the formulae:

$$V = I \times R, I = \frac{V}{R}, R = \frac{V}{I};$$

- explain why resistors are made only in distinct values in, for example, the E24 series;
- perform calculations involving power rating, voltage and current in a resistor;
- apply Kirchhoff's laws to series and parallel connections;
- obtain and use the Thevenin equivalent circuit for a given circuit to predict the effect of loading the output.

#### Ohm's law:

For many conductors of electricity, the electric current flowing through them is directly proportional to the voltage applied to them, provided the temperature stays the same.

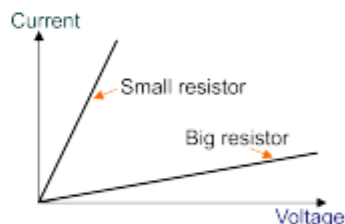
Put another way:

- when the applied voltage doubles, the current doubles;
- when the applied voltage quarters, the current quarters;
- and so on... provided the resistor doesn't warm up,

This relationship is shown in the diagram opposite.

Ohm's law leads to the idea of the 'resistor' - a component that restricts the flow of current by converting the electrons' energy to heat.

A big resistor is one which needs a large voltage to make it pass a small current. A small resistor passes a large current when even a small voltage is applied.



Using Ohm's law, the resistance  $R$  of a conductor is given by:

$$R = \frac{V}{I}$$

Manipulating this formula gives the alternative forms:

$$\text{voltage } V = I \times R$$

$$\text{current } I = \frac{V}{R}$$

Resistance is measured in units called ohms ( $\Omega$ ), though, in electronics, we usually encounter resistors measured in kilohms ( $k\Omega = 1000 \Omega$  or  $10^3\Omega$ ) or in megohms ( $M\Omega = 1000000 \Omega$  or  $10^6\Omega$ ).

Care is needed with units when using these formulae. They must belong to the same group.

For example:

- Group 1: volts / amps / ohms
- Group 2: volts / milliamps / kilohms
- Group 3: volts / microamps / megohms



**Example 1:**

A current of 0.1 A flows through a 20  $\Omega$  resistor. What is the voltage across the resistor?

$$\begin{aligned} V &= I \times R \\ &= 0.1 \times 20 \\ &= 2 \text{ V} \end{aligned}$$

**Example 2:**

A 10  $\Omega$  resistor is connected across a 5 V power supply. What is the resulting current?

$$\begin{aligned} I &= \frac{V}{R} \\ &= \frac{5}{10} \\ &= 0.5 \text{ A} \end{aligned}$$

**Example 3:**

A current of 100 mA flows through a resistor when the voltage drop across it is 12 V. What is its resistance?

$$\begin{aligned} R &= \frac{V}{I} \\ &= \frac{12}{100} \\ &= 0.12 \text{ k}\Omega \\ &= 120 \Omega \end{aligned}$$

**The E24 series:**

Resistors range in value from 1  $\Omega$  to 10 M $\Omega$ . It is impractical to make every single value. Instead, manufacturers cover the same range with a much smaller number of resistors, each of which is made to a stated tolerance (accuracy).

The E24 series has a tolerance of 5% and provides the following 24 values:

10, 11, 12, 13, 15, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 43, 47, 51, 56, 62, 68, 75, 82, 91

and multiples of these, e.g. 130  $\Omega$ , 3900  $\Omega$ , 180 k $\Omega$ , 1.2 k $\Omega$ , 8.2 M $\Omega$  etc.

Other series exist with different tolerances. This course uses the E24 series.

**Power rating of resistors:**

When a current flows through a resistor, electrical energy is converted into heat - the greater the current, the hotter the resistor.

Resistors are rated by the electrical power that they can dissipate safely. This is determined by its physical size - the greater its surface area, the more power it can dissipate. Resistors are commonly made with power ratings ranging from 1/8 W to 2 W.

The power formula can be combined with formulae from Ohm's law to give:

$$\begin{aligned} P &= V \times I = (I \times R) \times I, \text{ giving } P = I^2 \times R \\ P &= V \times I = V \times \left( \frac{V}{R} \right), \text{ giving } P = \frac{V^2}{R} \end{aligned}$$

**Example 1:**

What power is dissipated when a current of 0.05 A flows through a 100  $\Omega$  resistor?

$$\begin{aligned}P &= I^2 \times R \\&= 0.05^2 \times 100 \\&= 0.25 \text{ W}\end{aligned}$$

**Example 2:**

What is the biggest voltage that can safely be applied to a 10  $\Omega$  0.5 W resistor?

$$\begin{aligned}P &= \frac{V^2}{R} \\0.5 &= \frac{V^2}{10} \\V^2 &= 5 \\V &= 2.2 \text{ V}\end{aligned}$$

## Kirchhoff's laws:

### First Law:

The sum of currents entering a junction is equal to the sum of currents leaving it.

In the diagram opposite:  $I_1 = I_2 + I_3$

This law is a restatement of the conservation of electrical charge.



### Second Law:

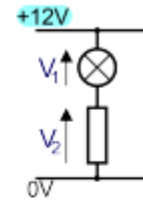
Around any loop in the circuit, the (vector) sum of voltages is zero.

For a series circuit, this means:

the sum of the voltages across the components is equal to the supply.

In the diagram opposite:  $V_1 + V_2 = 12 \text{ V}$

This is an important rule when analysing voltage divider circuits.



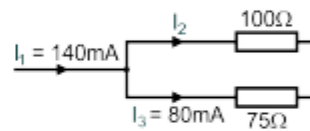
**This course will use Kirchhoff's laws to calculate currents and voltages only in circuits consisting of a single DC power supply and a serial/parallel combination of components.**

### Example:

- The diagram shows part of a circuit.  
What current flows through the  $100 \Omega$  resistor?

Using Kirchhoff's first law :

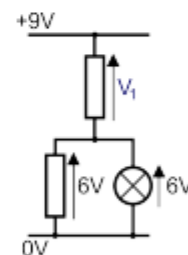
$$\begin{aligned} I_1 &= I_2 + I_3 \\ 140 &= I_2 + 80 \\ I_2 &= 60 \text{ mA} \end{aligned}$$



- Part of a circuit is shown opposite.  
Calculate the voltage  $V_1$ .

Using Kirchhoff's second law:

$$\begin{aligned} V_1 + 6 &= 9 \text{ V} \\ V_1 &= 3 \text{ V} \end{aligned}$$



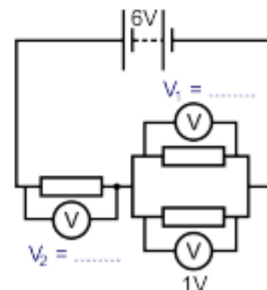
- The circuit opposite contains three voltmeters and is powered by a 6 V battery.

One voltmeter is giving a reading of 1 V.

What are the readings  $V_1$  and  $V_2$  on the other voltmeters?

Using Kirchhoff's second law:

$$\begin{aligned} V_1 &= 1 \text{ V} \\ V_2 &= 6 - 1 \\ V_2 &= 5 \text{ V} \end{aligned}$$



## ENGLISH

### The Guardian's 100 Greatest Novels Of All Time

#### GCSE

1. Don Quixote Miguel De Cervantes The story of the gentle knight and his servant Sancho Panza has entranced readers for centuries.
2. Pilgrim's Progress John Bunyan The one with the Slough of Despond and Vanity Fair.
3. Robinson Crusoe Daniel Defoe The first English novel.
4. Gulliver's Travels Jonathan Swift A wonderful satire that still works for all ages, despite the savagery of Swift's vision.
5. Tom Jones Henry Fielding The adventures of a high-spirited orphan boy: an unbeatable plot, ending in a blissful marriage. 6. Clarissa Samuel Richardson One of the longest novels in the English language, but un-put-down-able.
7. Tristram Shandy Laurence Sterne One of the first bestsellers, dismissed by Dr Johnson as too fashionable for its own good.
8. Dangerous Liaisons Pierre Choderlos De Laclos An epistolary novel and a handbook for seducers: foppish, French, and ferocious.
9. Emma Jane Austen Near impossible choice between this and Pride and Prejudice. But Emma never fails to fascinate and annoy.
10. Frankenstein Mary Shelley Inspired by spending too much time with Shelley and Byron.
11. Nightmare Abbey Thomas Love Peacock A classic miniature: a brilliant satire on the Romantic novel.
12. The Black Sheep Honoré De Balzac Two rivals fight for the love of a femme fatale. Wrongly overlooked.
13. The Charterhouse of Parma Stendhal Penetrating and compelling chronicle of life in an Italian court in post-Napoleonic France.
14. The Count of Monte Cristo Alexandre Dumas A revenge thriller also set in France after Bonaparte: a masterpiece of adventure writing.
15. Sybil Benjamin Disraeli Apart from Churchill, no other British political figure shows literary genius.
16. David Copperfield Charles Dickens This highly autobiographical novel is the one its author liked best.
17. Wuthering Heights Emily Brontë Catherine Earnshaw and Heathcliff have passed into the language. Impossible to ignore.
18. Jane Eyre Charlotte Brontë Obsessive emotional grip and haunting narrative.
19. Vanity Fair William Makepeace Thackeray - The improving tale of Becky Sharp.



20. The Scarlet Letter Nathaniel Hawthorne A classic investigation of the American mind.
21. Moby-Dick Herman Melville 'Call me Ishmael' is one of the most famous opening sentences of any novel.
22. Madame Bovary Gustave Flaubert You could summarise this as a story of adultery in provincial France, and miss the point entirely.
23. The Woman in White Wilkie Collins Gripping mystery novel of concealed identity, abduction, fraud and mental cruelty.
24. Alice's Adventures In Wonderland Lewis Carroll A story written for the nine-year-old daughter of an Oxford don that still baffles most kids.
25. Little Women Louisa M. Alcott Victorian bestseller about a New England family of girls.
26. The Way We Live Now Anthony Trollope A majestic assault on the corruption of late Victorian England.
27. Anna Karenina Leo Tolstoy The supreme novel of the married woman's passion for a younger man.
28. Daniel Deronda George Eliot A passion and an exotic grandeur that is strange and unsettling.
29. The Brothers Karamazov Fyodor Dostoevsky Mystical tragedy by the author of Crime and Punishment.
30. The Portrait of a Lady Henry James The story of Isabel Archer shows James at his witty and polished best.
31. Huckleberry Finn Mark Twain Twain was a humourist, but this picture of Mississippi life is profoundly moral and still incredibly influential.
32. The Strange Case of Dr Jekyll and Mr Hyde Robert Louis Stevenson A brilliantly suggestive, resonant study of human duality by a natural storyteller.
33. Three Men in a Boat Jerome K. Jerome One of the funniest English books ever written.
34. The Picture of Dorian Gray Oscar Wilde A coded and epigrammatic melodrama inspired by his own tortured homosexuality.
35. The Diary of a Nobody George Grossmith This classic of Victorian suburbia will always be renowned for the character of Mr Pooter.
36. Jude the Obscure Thomas Hardy Its savage bleakness makes it one of the first twentieth-century novels.
37. The Riddle of the Sands Erskine Childers A pre-war invasion-scare spy thriller by a writer later shot for his part in the Irish republican rising.
38. The Call of the Wild Jack London The story of a dog who joins a pack of wolves after his master's death.
39. Nostromo Joseph Conrad Conrad's masterpiece: a tale of money, love and revolutionary politics.

40. *The Wind in the Willows* Kenneth Grahame This children's classic was inspired by bedtime stories for Grahame's son.
41. *In Search of Lost Time* Marcel Proust An unforgettable portrait of Paris in the belle époque. Probably the longest novel on this list.
42. *The Rainbow* D. H. Lawrence Novels seized by the police, like this one, have a special afterlife.
43. *The Good Soldier* Ford Madox Ford This account of the adulterous lives of two Edwardian couples is a classic of unreliable narration.
44. *The Thirty-Nine Steps* John Buchan A classic adventure story for boys, jammed with action, violence and suspense.
45. *Ulysses* James Joyce Also pursued by the British police, this is a novel more discussed than read.
46. *Mrs Dalloway* Virginia Woolf Secures Woolf's position as one of the great twentieth-century English novelists.
47. *A Passage to India* EM Forster Forster's great love song to India.
48. *The Great Gatsby* F. Scott Fitzgerald The quintessential Jazz Age novel.
49. *The Trial* Franz Kafka The enigmatic story of Joseph K.
50. *Men Without Women* Ernest Hemingway He is remembered for his novels, but it was the short stories that first attracted notice.
51. *Journey to the End of the Night* Louis-Ferdinand Celine The experiences of an unattractive slum doctor during the Great War: a masterpiece of linguistic innovation.
52. *As I Lay Dying* William Faulkner A strange black comedy by an American master.
53. *Brave New World* Aldous Huxley Dystopian fantasy about the world of the seventh century AF (After Ford).
54. *Scoop* Evelyn Waugh The supreme Fleet Street novel.
55. *USA* John Dos Passos An extraordinary trilogy that uses a variety of narrative devices to express the story of America.
56. *The Big Sleep* Raymond Chandler Introducing Philip Marlowe: cool, sharp, handsome - and bitterly alone.
57. *The Pursuit Of Love* Nancy Mitford An exquisite comedy of manners with countless fans.
58. *The Plague* Albert Camus A mysterious plague sweeps through the Algerian town of Oran.
59. *Nineteen Eighty-Four* George Orwell This tale of one man's struggle against totalitarianism has been appropriated the world over.
60. *Malone Dies* Samuel Beckett Part of a trilogy of astonishing monologues in the black comic voice of the author of *Waiting for Godot*.

61. *Catcher in the Rye* J.D. Salinger A week in the life of Holden Caulfield. A cult novel that still mesmerises.
62. *Wise Blood* Flannery O'Connor A disturbing novel of religious extremism set in the Deep South.
63. *Charlotte's Web* EB White How Wilbur the pig was saved by the literary genius of a friendly spider.
64. *The Lord Of The Rings* J. R. R. Tolkien Enough said!
65. *Lucky Jim* Kingsley Amis An astonishing debut: the painfully funny English novel of the Fifties.
66. *Lord of the Flies* William Golding Schoolboys become savages: a bleak vision of human nature.
67. *The Quiet American* Graham Greene Prophetic novel set in 1950s Vietnam.
68. *On the Road* Jack Kerouac The Beat Generation bible.
69. *Lolita* Vladimir Nabokov Humbert Humbert's obsession with Lolita is a tour de force of style and narrative.
70. *The Tin Drum* Günter Grass Hugely influential, Rabelaisian novel of Hitler's Germany.
71. *Things Fall Apart* Chinua Achebe Nigeria at the beginning of colonialism. A classic of African literature.
72. *The Prime of Miss Jean Brodie* Muriel Spark A writer who made her debut in *The Observer* - and her prose is like cut glass.
73. *To Kill A Mockingbird* Harper Lee Scout, a six-year-old girl, narrates an enthralling story of racial prejudice in the Deep South.
74. *Catch-22* Joseph Heller 'He would be crazy to fly more missions and sane if he didn't, but if he was sane he had to fly them. If he flew them he was crazy and didn't have to; if he didn't want to he was san and had to.'
75. *Herzog* Saul Bellow Adultery and nervous breakdown in Chicago.
76. *One Hundred Years of Solitude* Gabriel García Márquez A postmodern masterpiece.
77. *Mrs Palfrey at the Claremont* Elizabeth Taylor A haunting, understated study of old age.
78. *Tinker Tailor Soldier Spy* John Le Carré A thrilling elegy for post-imperial Britain.
79. *Song of Solomon* Toni Morrison The definitive novelist of the African-American experience.
80. *The Bottle Factory Outing* Beryl Bainbridge Macabre comedy of provincial life.
81. *The Executioner's Song* Norman Mailer This quasi-documentary account of the life and death of Gary Gilmore is possibly his masterpiece.
82. *If on a Winter's Night a Traveller* Italo Calvino A strange, compelling story about the pleasures of reading.

83. *A Bend in the River* VS Naipaul The finest living writer of English prose. This is his masterpiece: edgily reminiscent of *Heart of Darkness*.
84. *Waiting for the Barbarians* JM Coetzee Bleak but haunting allegory of apartheid by the Nobel prizewinner.
85. *Housekeeping* Marilynne Robinson Haunting, poetic story, drowned in water and light, about three generations of women.
86. *Lanark* Alasdair Gray Seething vision of Glasgow. A Scottish classic.
87. *The New York Trilogy* Paul Auster Dazzling metaphysical thriller set in the Manhattan of the 1970s.
88. *The BFG* Roald Dahl A bestseller by the most popular postwar writer for children of all ages.
89. *The Periodic Table* Primo Levi A prose poem about the delights of chemistry.
90. *Money* Martin Amis The novel that bags Amis's place on any list.
91. *An Artist of the Floating World* Kazuo Ishiguro A collaborator from pre-war Japan reluctantly discloses his betrayal of friends and family.
92. *Oscar And Lucinda* Peter Carey A great contemporary love story set in nineteenth-century Australia by double Booker prizewinner.
93. *The Book of Laughter and Forgetting* Milan Kundera Inspired by the Soviet invasion of Czechoslovakia in 1968, this is a magical fusion of history, autobiography and ideas.
94. *Haroun and the Sea of Stories* Salman Rushdie In this entrancing story Rushdie plays with the idea of narrative itself.
95. *LA Confidential* James Ellroy Three LAPD detectives are brought face to face with the secrets of their corrupt and violent careers.
96. *Wise Children* Angela Carter A theatrical extravaganza by a brilliant exponent of magic realism.
97. *Atonement* Ian McEwan Acclaimed short-story writer achieves a contemporary classic of mesmerising narrative conviction.
98. *Northern Lights* Philip Pullman Lyra's quest weaves fantasy, horror and the play of ideas into a truly great contemporary children's book.
99. *American Pastoral* Philip Roth For years, Roth was famous for *Portnoy's Complaint* . Recently, he has enjoyed an extraordinary revival.
100. *Austerlitz* W. G. Sebald Posthumously published volume in a sequence of dream-like fictions spun from memory, photographs and the German past.



## ENGLISH LITERATURE

### Wider Reading

The lists have been compiled to include reading across genre, texts in translation and non-fiction texts.

(\* denotes post-1990)

**PROSE FICTION** Any of the ten named prose texts for Unit 2, or any other novel by Dickens, Eliot, Hardy or the Brontës.

Peter Ackroyd *The Last Testament of Oscar Wilde* (1983)

Beryl Bainbridge *Master Georgie* \* (1998)

Arnold Bennett *Anna of the Five Towns* (1902)

Andrew Drummond *An Abridged History* \* (2004)

Elizabeth Gaskell *Mary Barton* (1848)

G. & W. Grossmith *The Diary of a Nobody* (1892)

Michael Redhill *Consolation* \* (2006)

Herman Melville *Redburn* (1849)

William Morris *News from Nowhere* (1891)

Robert Louis Stevenson *The Strange Case of Dr Jekyll and Mr Hyde* (1886)

### PROSE NON-FICTION

#### Victorian non-fiction

Matthew Arnold *Culture and Anarchy* (1869)

Thomas Carlyle *Selected Writings* (Penguin)

John Clare *Selected Letters* (OUP)

Elizabeth Gaskell *The Life of Charlotte Brontë* (1857)

Edmund Gosse *Father and Son* (1907)

Marx and Engels *The Communist Manifesto* (1848)

John Ruskin *Selected Writings* (Penguin)

The Brontës *A Life in Letters* (ed. Barker)

Henry Thoreau *Walden* (1854)

Oscar Wilde *De Profundis* (1905)

Modern non-fiction

Peter Ackroyd Dickens\* (1990)

Juliet Barker The Brontës\* (1994)

Jonathan Bate John Clare\* (2003)

Quentin Bell A New and Noble School (1982)

Winston Churchill My Early Life (1930)

Terry Eagleton Heathcliff and the Great Hunger\* (1996)

Richard Ellman Oscar Wilde (1988)

Lytton Strachey Eminent Victorians (1918)

Kate Summerscale The Suspicions of Mr Whicher r\* (2008)

Claire Tomalin Thomas Hardy: The Time-Torn Man\* (2006)

DRAMA

Brendan Behan The Hostage (Methuen, 1958)

Sudhar Bhuchar Child of the Divide \* (Methuen Modern Plays)

Jim Cartwright Road (Methuen Modern Plays, 1986)

Caryl Churchill All plays \* (some will be post 1990)

Claire Dowie Why is John Lennon Wearing a Skirt? \* (Methuen Modern Plays, 1996)

Brian Friel Dancing at Lughnasa \* (Faber, 1990)

Lorraine Hansberry A Raisin in the Sun (Methuen Modern Plays, 1959)

Sarah Kane Complete Plays \* (Methuen Drama, 1998-2006)

Tony Kushner Angels in America \* (Nick Herne Books, 1992)

Martin McDonagh Beauty Queen of Leenane \* (Methuen, 1996)

Sean O'Casey Three Dublin Plays: Juno and the Paycock + (1924), The Plough and the Stars + (1926), Shadow of a Gunman + (1923) (Faber)

Arthur Miller Death of a Salesman (Penguin, 1949)

Mark Ravenhill Citizenship \* (Methuen Modern Plays, 2006)

Ntozake Shange Shange Plays 1- (Includes For Colored Girls Who Have Considered Suicide When the Rainbow is Enough)

Timberlake Wertenbaker Our Country's Good (Methuen, 1988)

Tennessee Williams *A Streetcar Named Desire* (Methuen, 1947)

International Connections (contributor Jackie Kay) *New Plays for Young People* \* (Faber 2003)

## POETRY

Simon Armitage *Dead Sea Poems* \* (Faber, 1995)

W.H Auden e.g 'The Quarry', 'Funeral Blues', 'Refugee Blues' + (1930s)

Gillian Clarke *Letter From a Far Country* (1985)

Carol Ann Duffy *The Other Country* \* (Anvil, 1990)

Allan Ginsberg *Howl* (City Lights Pocket Poet Series, 1956)

Langston Hughes *Collected Poems* + (Vintage, 1930-1960)

Jackie Kay *Life Mask* \* (Bloodaxe Books, 2005)

Liz Lockhead *Dreaming Frankenstein and Collected Poems* (Polygon, 1984)

Audre Lorde *Any* – (some will be post 1990)

Grace Nichols *The Fat Black Woman's Poems* (Virago, 1984)

Adrienne Rich *The School Among the Ruins* \* (Norton, 2004)

Lemn Sissay *Morning Breaks in the Elevator* \* (Payback Press, 1999)

Gertrude Stein *Tender Buttons* + (Dover, 1914)

Alice Walker *Revolutionary Petunias and other Poems* (Harcourt Brae Jovanovitch, 1970)

Benjamin Zephaniah *Too Black, Too Strong* \* (Bloodaxe Books, 2001)

Edited by Lemn Sissay *The Fire People: A Collection of Contemporary Black British Poets* \* (Payback Press, 1998)

Agnes Meadows *Woman* (Waterways, 2003)

Gillian Clarke *A Recipe for Water* (Carcaret, 2009)

Alice Oswald *The Thing in the Gap Stone Stile* (Faber, 1996)

Grace Nichols *I Have Crossed an Ocean* (Bloodaxe Books Ltd, 2010)

Carol Ann Duffy *Love Poems* (Picador, 2010)

Jackie Kay *Darling* (Bloodaxe Books Ltd, 2007)

Liz Lochhead *The Colour of Black and White* (Polyfon, 2003)

Lenin Sissay *Rebel Without Applause* (Bloodaxe Books Ltd, 1992)

## TEXTS IN TRANSLATION

## Novels

Isabel Allende *The House of the Spirits* (Chile/Spanish) (Black Swan, 1985)

Alexandra Kollontai *Love of Worker Bees* + (USSR/Russian) (Virago, 1930)

Manuel Puig *Kiss of the Spider Woman* (Argentina/Spanish) (Vintage, 1976)

Alexander Solzenichen *One Day in the Life of Ivan Denisovitch* (USSR/Russian) (Penguin, 1962)

## Poetry

Pablo Neruda *Residence on Earth* + (Chile/Spanish) (Souvenir Press, 1933)

## Drama

Bertolt Brecht *Mother Courage and her Children* + (German) (Methuen, 1940)

Federico Garcia Lorca *The House of Bernarda Alba* + (1936), *Yerma* + (1934), *Blood Wedding* + (1933) (Spanish) (Penguin)

## Non fiction autobiography/diary/travelogue

Anne Frank *The Diary of a Young Girl* (Dutch) (Penguin, 1947)

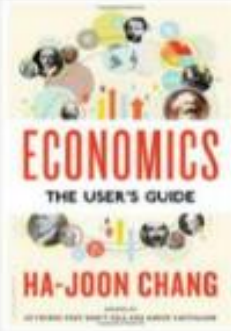
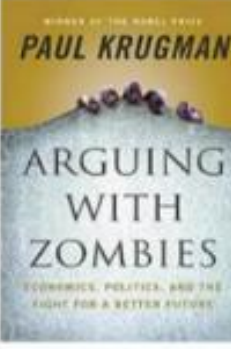
Che Guevara *The Motorcycle Diaries* (Argentina/Spanish) (Harper Perennial, 1952)

Nawal al-Saadawi *Memoirs from the Women's Prison* (Egypt/Arabic) (1984)

## ECONOMICS

### Economics reading

Economics is all about what is going on around us – the importance of reading current news articles is stressed and should become daily practice for you. The following are several books which you may want to dip into

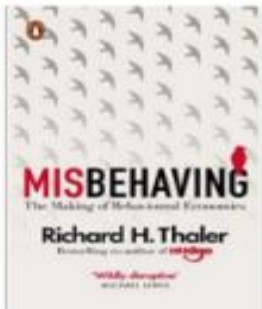
	<p><input type="checkbox"/> <b>Economics: The User's Guide</b> by Ha-Joon Chang May 2014</p> <p>Page turning... A fascinating, hurtling explanation of everything... You could use it as a primer, a reference book, a brief history; it is all these things... It reflects the urgent generosity of a thinker whose depth of understanding is matched by a desire to see us all understand... Ha-Joon Chang's wealth is in his knowledge, perceptiveness, insight and vision. And he can't give it away fast enough. It flies off him like the seeds of a dandelion (Zoe Williams <i>The Guardian</i>)</p> <p>Brilliant... Chang's lightness of touch makes often dry subject matter very readable... The first section is a page-turning history, the second a call to arms about how to apply economics in the real world using simple, everyday examples (<i>Financial Times</i>)</p>
	<p><input type="checkbox"/> <b>Radical Uncertainty: Decision-making for an unknowable future</b> by Mervyn King and John Kay March 2020</p> <p>This fascinating and well-written book will resonate way beyond economics. It deserves to be widely read. -- Mike Brearley</p> <p>John Kay and Mervyn King want more people to grasp the old distinction between risk and uncertainty forgotten by a later generation of economists. -- Niall Ferguson</p> <p>Many books will make a reader better informed or smarter. This is one of very few that will make a reader much wiser. You will live differently and better after you grasp Kay and King's seminal lessons. -- Lawrence H. Summers</p>
	<p><input type="checkbox"/> <b>Arguing with Zombies: Economics, Politics, and the Fight for a Better Future</b> by Paul Krugman January 2020</p> <p>An accessible, compelling introduction to today's major policy issues from best-selling author and Nobel Prize-winning economist Paul Krugman.</p> <p>There is no better guide than Paul Krugman to basic economics, the ideas that animate much of our public policy. Likewise, there is no better foe of zombie economics, the misunderstandings that just won't die. Arguing with Zombies is Krugman "the most hated and most admired columnist in the US" (Martin Wolf, <i>Financial Times</i>) at his best, turning readers into intelligent consumers of the daily news with quick, vivid sketches of the key concepts behind taxes, health care, international trade and more. In this new book, in which he builds on and expands his <i>The New York Times</i> columns and other writings, "the most celebrated economist of his generation" (<i>The Economist</i>), offers short, accessible chapters on topics including the European Union and Brexit, the fight for national health care in the United States, the financial meltdown of 2007-2008, the attack on Social Security and the fraudulent argument-the ultimate zombie-that tax cuts for the rich will benefit all.</p>



**Angrynomics**  
by Eric Loneragan  
April 2020

*With considerable sophistication and a good dose of humour, this book dissects the popular anger that has made our economics unsustainable and our politics dysfunctional. Loneragan and Blyth rightly call for a reset of our current model of capitalism. To their great credit, they also provide creative - and practical - ideas for moving forward.--Dani Rodrik, Harvard University*

*This compelling and challenging book needs to be read.--Matthew Goodwin "Sunday Times"*



**Misbehaving: The Making of Behavioural Economics**  
by Richard Thaler  
May 2015

Shortlisted for the *Financial Times* and McKinsey Business Book of the Year Award

From the renowned and entertaining behavioural economist and co-author of the seminal work *Nudge*, *Misbehaving* is an irreverent and enlightening look into human foibles. Traditional economics assumes that rational forces shape everything. Behavioural economics knows better. Richard Thaler has spent his career studying the notion that humans are central to the economy - and that we're error-prone individuals, not Spock-like automatons. Now behavioural economics is hugely influential, changing the way we think not just about money, but about ourselves, our world and all kinds of everyday decisions.

Whether buying an alarm clock, selling football tickets, or applying for a mortgage, we all succumb to biases and make decisions that deviate from the standards of rationality assumed by economists. In other words, we misbehave. Dismissed at first by economists as an amusing sideshow, the study of human miscalculations and their effects on markets now drives efforts to make better decisions in our lives, our businesses, and our governments.

## GEOGRAPHY

### Wider Reading in Geography

Wider reading is more than just reading extra books. It is an academic exploration of the subjects you are studying in school which enable you to build your knowledge and understanding of them. Activities such as wider reading are not only incredibly important for university applications, but also for deepening your understanding of the wider subject.

#### **A level Textbooks:**

Below is a list of textbooks that are short guides to each of the topics we cover at A level, they can aid your general understanding of the topics. Each mini topic book has wider case study examples and practice questions.

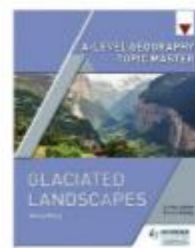
[A Level Geography Changing Places Topic Master. Hodder](#)

[A Level Geography, global systems, Topic Master. Hodder](#)

[A Level Geography, global governance, Topic Master. Hodder](#)

[A Level Geography, Water and carbon cycles, Topic Master. Hodder](#)

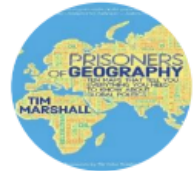
[A level Geography, Glaciated Landscapes, Topic Master, Hodder](#)



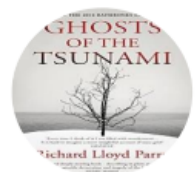


## Wider reading list

[Prisoners of Geography: Ten maps that tell you everything you need to know about global politics](#). Tim Marshall. 2016. This book explores geo-politics and is a fascinating and easy read.



[Ghosts of the Tsunami: Death and life in Japan's disaster zone](#). Richard Lloyd Parry. 2018. This book explores the earthquake and tsunami that rocked Japan in 2011. What really happened, and why were some people not evacuated to safety?



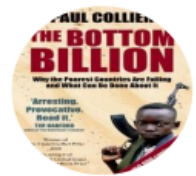
[Space and Place: The perspective of experience](#). Yi-Fu Tuan. 2001. The author explores the way people think and feel about space and how they form attachments. Ideal for the changing places unit.



[Factfulness: ten reasons we're wrong about the world – and why things are better than you think](#). Hans Rosling. 2018. This is a thought provoking and fascinating read. A great opportunity to question the world and what we think we know about it.



[The Bottom Billion](#). Paul Collier. 2018. When studying globalisation you will see that the impacts are not uniform. This book explores how the 1 billion poorest are being left behind, with the gap widening.



[How bad are bananas?](#) Mike Berners-Lee. 2020. This book explores our carbon footprint (with many surprises!), and gives us an idea on how to manage and reduce our carbon footprint. A fascinating read for all geographers.



[The Climate book: Greta Thunberg](#) Greta Thunberg. 2022. This book explores the knowledge of over 100 experts (geophysicists, oceanographers, engineers, economists) and equips you with the knowledge we need to know to combat climate change.



[Disaster by choice: How our actions turn natural hazards into catastrophes](#). Ilan Kelman 2022. This book explores different disasters from around the world, however it explores the idea that they have become disasters due to human choices and decisions not only the physical geography.



## Podcasts

Pop in your headphones and try some of these podcasts!

[Costing the Earth](#): This is a range of short podcasts which link to many areas of our study. There are 361 available to choose from and cover everything from shipping to landfill to the environmental impact of professional football.



[Royal Geographical Society: Ask the Geographer](#) This a series of award-winning podcasts which bring the latest in geographical research to the classroom from a host of experts.



[39 ways to save the planet](#): The BBC, in partnership with the Royal Geographical Society presents 39 ways to relieve the stress that climate change is exerting on the planet. Each podcast is a bitesize 15 minutes long.



## HEALTH & SOCIAL CARE

### Health & Social Care Reading List:

Below is some suggested reading to assist you with learning more about the subject areas.

Magazines:

- Care Management Matters
- Community Care
- Nursing Times.

Books/ journals:

- Meeting Individual Care and Support Needs by Walsh.
- Human Growth and Development by Beckett and Taylor.

Fiction books that can relate to health and social care:

- This is going to Hurt by Adam Kay (also a TV series)
- Elizabeth is Missing by Emma Healy.

Tv shows:

- The Nine to Five with Stacey Dooley: caring and sharing
- Born to be Different

# HISTORY

## A Level History preparation work for September 2023

### Paper 1 reading list:

A-Level History Paper 1, Option 1C Britain, 1625–1701: conflict, revolution and settlement – Reading list. All items on this list are not *required* but for use during the course to extend and deepen your knowledge. To start before September you should select 1-2 texts to get hold of and start reading

Resource	Type	For students and/or teachers?
Angela Anderson, <i>An Introduction to Stuart Britain, 1603–1714</i> (Hodder Education, 1999)	Textbook	For students. Clear and detailed overview of Stuart Britain.
Barry Coward, <i>Stuart England 1603–1714</i> (Longman Advanced History, Longman, 1997)	Textbook	Written for students. Very readable, less detailed. Covers economic and social developments and the full period of the topic.
Barry Coward, <i>The Stuart Age</i> (Routledge, fourth edition, 2011)	Textbook	Written for students. Detailed and up-to-date surveys; covers the full period of the topic and deals with economy and society as well as political developments. With good summaries of recent debate it is potentially very helpful for the third and fourth themes in this topic.
Barry Coward and Christopher Durston, <i>The English Revolution: A Source Book</i> (Hodder Education, 1997)	Textbook	Written for students. Contains excerpts from many of the key articles and texts of the 1670s, 1680s and 1690s, with source exercises and sample essays.
Dale Scarboro, <i>England 1625–1660: Charles I, the Civil war and Cromwell</i> (Hodder Murray, 2005)	Textbook	Written for students. In the SHP series with charts, activities, sources and clear narrative. Good basic textbook, but avoids covering debates.
Graham Seel, <i>Regicide and Republic: England 1603–1660</i> (Cambridge University Press, 2001)	Textbook	Written for students. Very clear narrative, written for OCR's 2001 specification. Chapters at end cover economic and social developments.
David L Smith, <i>A History of the Modern British Isles 1603–1707</i> (Blackwell, 1998)	Textbook	Written for students. Very clear narrative and analysis from a leading historian. Much-used by students and covers the full period of this option.
Rosemary Rees, <i>Edexcel AS/A Level History, Paper 1&amp;2: Revolutions in early modern and modern Europe</i>	Textbook	Core textbook used in lessons by students.
Anna Keay, <i>The Restless Republic: Britain without a crown</i>	Academic	For teachers and students. Very readable account of everyday life during the Republican period.

Peter Gaunt, <i>Oliver Cromwell: British Lives</i> (British Library, 2004)	Academic (but designed for general readership)	For teachers and students. Exceptionally readable biography. Very accessible to students.
Ian Gentles, <i>Oliver Cromwell</i> (Palgrave, 2011)	Academic	For teachers and students. Most recent biography which summarises recent work and provides a clear narrative and analysis.
Ian Gentles, <i>The English Revolution and the Wars in the Three Kingdoms</i> (Pearson, 2007)	Academic	For teachers and students. Excellent, detailed, up-to-date overview by a leading authority on the period.
John Miller, <i>The Stuarts</i> (Hambledon Continuum, 2004)	Academic	For teachers and students. Very readable; nice overview of Charles II.
John Miller, <i>A Brief History of the English Civil War: Cavaliers, Roundheads and the Execution of the King</i> (Constable & Robinson, 2009)	Academic	For teachers and students. A really valuable, readable overview which draws on recent research; chapter 3 summarises the important work of Adamson in 2007 succinctly.
John Spurr, <i>The Post-Reformation: 1603–1714</i> (Pearson, 2006)	Academic	For teachers and students. A clear narrative history which works through the period chronologically and covers the full period of this topic; contains additional chapters focused on religious developments, helpful for the second theme.
Richard Cust, Charles I, <i>History Review</i> , December 1995, pages 15–19	Article	Written for students.
Historical Association Podcast on Cromwell, including the execution of Charles I: <a href="http://www.history.org.uk/podcasts/#/e/289">www.history.org.uk/podcasts/#/e/289</a>	Podcast	Accessible to students.
National Archives Site on the English Civil Wars: <a href="http://www.nationalarchives.gov.uk/education/civilwar/">www.nationalarchives.gov.uk/education/civilwar/</a>	Website	Accessible to students.
BBC English Civil War website: <a href="http://www.bbc.co.uk/history/british/civil_war_revolution/">www.bbc.co.uk/history/british/civil_war_revolution/</a>	Website	Accessible to students. Readable articles from leading historians such as John Morrill, Richard Cust, Ann Hughes, Ronald Hutton and Mark Stoyle. Includes articles on figures such as Charles I and II, Cromwell and the Levellers.
BBC/Open University, 2002 <i>The English Civil War</i> , presented by Tristram Hunt	Documentary series	Accessible to students. Clear overviews from c1640–49: four episodes.
Channel 4, 2005 <i>Blood on our Hands – the English Civil War</i>	Documentary series	Accessible to students. Also available on YouTube.



Channel 4 <i>Monarchy, presented by David Starkey</i>	Documentary series	Useful episodes on Charles II and the Glorious Revolution in particular, but also on Charles, the civil wars and Cromwell.
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**Paper 2 reading list:**

**Required:** 'Reactions and Revolutions 1894-1924' by Michael Lynch 5<sup>th</sup> edition – pupils need their own copy (older editions are also fine) and should read chapter 1 before September.

**Wider reading:**

- Acton, E., Rethinking the Russian Revolution (London, 1990)
- Carr, E. H., The Bolshevik Revolution 1917-1923. Vol 2 (London, 1952)
- Figes, O., A People's tragedy: The Russian Revolution 1891-1924 (London, 1996)
- Figes, O., Revolutionary Russia 1891-1991 (Pelican, 2014)
- Fitzpatrick, S., The Russian Revolution (Oxford, 2008)
- 'Revolutions in Early Modern and Modern Europe' Bullock, Nutall and White.

# LAW

## Law and Applied Law Read, Listen and Watch List

### Read

- Justice: What's the Right Thing to Do? By Michael J. Sandel
- How the Law Works, by Gary Slapper
- The Trial – SR Master
- The Secret Barrister: Stories of the Law and how it is broken
- In Your Defence: True Stories of Life and Law – Sarah Langford

### Listen

- The Hearing - The Hearing is a Thomson Reuters podcast hosted by lawyer and social media commentator Kevin Poulter
- Law Pod UK - Law Pod UK is a podcast from the creators of the UK Human Rights blog and produced by barristers of One Crown Office Row. Host Rosalind English discusses all aspects of UK civil and public law with legal professionals, professors and specialists.
- RightsUp - RightsUp is a podcast from the Oxford Human Rights Hub that aims to provide global perspectives on human rights at the Faculty of Law, University of Oxford.
- BBC Sounds True Crime Podcasts – Recommend “The Boy in the Woods” and “Please protect Abraham”

### Watch

- A Confession – ITV X – Follow the story of police detective Steven Fulcher and his search for a missing female. Police procedure challenges and catching a killer.
- BBC I Player – Real CSI – Season 2 – Any episode, the Burglary is really interesting one
- Stephen – ITV X – Follow the story of Stephen Lawrence and the search for justice – how the police have been accused of institutional racism and how still to this day his case impacts our law.
- Manhunt – Series 1 and 2 – Follow the true life cases DCI Collin Sutton in a dramatized version of the crimes committed by known serial killer and assaulter – The case is one we consider when looking at what happened to Milly Dowler
- Any episodes of 24 Hours in Police Custody or 999 What's your Emergency
- The Trial “A Murder in the Family” - Channel 4 – Look at how the jury solve cases in an unprecedented way. All individuals are actors bar the jury and we get to see how they make their decision (something that no one is allowed to do in a real case).



## PHYSICAL EDUCATION

Format	Title	Location	Component of syllabus
Book	OCR A level PE - ISBN 978-1-5104-7331-7	Hodder, Amazon, 2nd Hand	All - course text book yr1 & 2
Video	The English Game	Netflix	Socio Cultural Issues
Video	Bad Sport	Netflix	Contemporary Issues
Video	Human: The World Within (episode 2, Pulse)	Netflix	Anatomy and Physiology
Book	The Body: A Guide for Occupants by Bill Bryson	A good bookstore near you	Physiology
Book	The Sports Gene by David Epstein	A good bookstore near you	Physiology and Psychology
Book	Sports Biomechanics: The Basics: Optimising Human Performance by Anthony J. Blazevich	A good bookstore near you	Biomechanics
Free Computer App	Algodoo (explore forces and how they affect inertia)	Algodoo	Biomechanics
Video	The surprising reason our muscles get tired - Christian Moro	YouTube	Anatomy and Physiology
Video	Anatomy for beginners - all episodes (Graphic content)	YouTube	Anatomy and Physiology/Ex.Phys
Video	Tom Browns School days 2005	Netflix/YouTube	Socio Cultural Issues
Video	All or nothing series - Uk based team examples	Amazon prime	Sports psychology/groups & teams
Video	King Richard - movie about Williams sisters	Various	Socio Cultural issues - rags to riches
Video	Greenstreet the movie & Football factory	Various	Contemp - violence/deindividuation
Book	Bounce by Matthew Syed (power of practice)	A good bookstore near you	Skill acq and psych
Video	FIFA Uncovered series	Netflix	Contemp - deviance
Video	BBC3 documentary - Can you beat the bookies?	BBC3/iPlayer	Contemp - gambling, match fixing
Podcast	BBC - The Documentary Podcast - The Great Tennis Fix	BBC	Contemp - gambling, match fixing
Video	Munich (2005) - film	Various	Social Cultural issues - 1972 Olympics
Book	Atomic Habits - James Clear	A bookstore near you	Skill acq & sports psychology
Video	Losers - Netflix series	Netflix	Skill acq & sport psychology

## PHILOSOPHY

### Philosophy reading list

Here is a list of suggested reading that will prepare you very well for the A-Level course.

#### [Sophie's world, Jostein Gaarder –](#)

When 14-year-old Sophie encounters a mysterious mentor who introduces her to philosophy, mysteries deepen in her own life. Why does she keep getting postcards addressed to another girl? Who is the other girl? And who, for that matter, is Sophie herself? To solve the riddle, she uses her new knowledge of philosophy, but the truth is far stranger than she could have imagined.

A phenomenal worldwide bestseller, SOPHIE'S WORLD sets out to draw teenagers into the world of Socrates, Descartes, Spinoza, Hegel and all the great philosophers. A brilliantly original and fascinating story with many twists and turns, it raises profound questions about the meaning of life and the origin of the universe.

#### [The Puzzle of God, Peter Vardy –](#)

A clear, well-written guide to philosophical thinking about God. Starting with the question of what it means to say we believe in God, and looking at the nature of truth, Peter Vardy goes on to examine ideas about God and their influence on Christian thinking.

Peter Vardy takes the reader through the arguments, using amusing illustrations and analogies. He writes for the lay person or student, not assuming any specialist knowledge, and not imposing any particular view.

### [The Problems of Philosophy, Bertrand Russell –](#)

'Is there any knowledge in the world which is so certain that no reasonable man could doubt it?' Philosophy is the attempt to answer such ultimate questions, not carelessly and dogmatically, as we might deal with them in ordinary life, but critically, after analysing how and why the questions arise and clarifying the assumptions and concepts on which they are based. This classic work, first published in 1912, has never been supplanted as an approachable introduction to the theory of philosophical enquiry. It gives Russell's views on such subjects as the distinction between appearance and reality, the existence and nature of matter, idealism, knowledge by acquaintance and by description, induction, and the limits and value of philosophical knowledge. This edition includes an introduction by John Skorupski contextualizing Russell's work, and a guide to further reading.

### [Think, Simon Blackburn –](#)

This is a book about the big questions in life: knowledge, consciousness, fate, God, truth, goodness, justice. It is for anyone who believes there are big questions out there, but does not know how to approach them. Think sets out to explain what they are and why they are important. Simon Blackburn begins by putting forward a convincing case for the study of philosophy and goes on to give the reader a sense of how the great historical figures such as Descartes, Hume, Kant, and

Wittgenstein have approached its central themes. Each chapter explains a major issue, and gives the reader a self-contained guide through the problems that philosophers have studied. The large scope of topics covered range from scepticism, the self, mind and body, and freedom to ethics and the arguments surrounding the existence of God. Lively and approachable, this book is ideal for all those who want to learn how the basic techniques of thinking shape our existence.

### [Philosophy: A very short introduction, Edward Craig –](#)

How ought we to live? What really exists? How do we know? This book introduces important themes in ethics, knowledge, and the self, via readings from Plato, Hume, Descartes, Hegel, Darwin, and Buddhist writers. It emphasizes throughout the point of doing philosophy, explains how different areas of philosophy are related, and explores the contexts in which philosophy was and is done.

### [The Philosophy Gym, Stephen Law –](#)

Where did the universe come from? Is time travel possible? Are genetically designed babies morally acceptable? If you have ever asked yourself such questions, then you have already begun to think philosophically. This book is for those who want to take the next step. Stephen Law poses questions about some of the most important philosophical issues of today - and of yesterday. Light-hearted questions about whether a pickled sheep is really art rub shoulders with more profound and time-honoured fears about whether God exists. In this radically new way of looking at philosophy, Stephen Law illustrates the problem with a story then lets both sides of the argument battle it out in clear, easily digestible and intelligent prose. And, by separating each issue into a distinct section, it is possible to dip in and out of in any order and at any time you like!

## PHYSICS

### Books

Serendipity in Science (Book) (All Science)	<a href="#">Serendipity: Accidental Discoveries in Science: 15 (Wiley Science Editions): Amazon.co.uk: Roberts, Royston M.: 9780471602033: Books</a>
Science(ish) The peculiar science behind the movies	<a href="#">Science(ish): The Peculiar Science Behind the Movies (Audio Download): Rick Edwards, Michael Brookes, Rick Edwards, Michael Brookes, Isis Publishing Ltd: Amazon.co.uk: Books</a>
First light: switching on stars at the dawn of time. (Physics)	<a href="#">First Light: Switching on Stars at the Dawn of Time (Bloomsbury Sigma): Amazon.co.uk: Chapman, Emma: 9781472962942: Books</a>
Seven brief lessons on Physics	<a href="#">Seven Brief Lessons on Physics: Carlo Rovelli: Amazon.co.uk: Rovelli, Carlo, Segre, Erica, Carnell, Simon: 0000141981725: Books</a>
Why does $E=mc^2$ ? (And why should we care?)	<a href="#">Why Does <math>E=mc^2</math>? (And Why Should We Care?): Amazon.co.uk: Brian Cox, Jeff Forshaw: 9780306819117: Books</a>

### Journals

Artificial intelligence in medicine	<a href="#">Causability and explainability of artificial intelligence in medicine - Holzinger - 2019 - WIREs Data Mining and Knowledge Discovery - Wiley Online Library</a>
Quantum Physics in Living Matter: From Quantum Biology to Quantum Neurobiology	<a href="#">Quantum Physics in Living Matter: From Quantum Biology to Quantum Neurobiology   Tarlac   NeuroQuantology (jneuroquantology.com)</a>

## POLITICS

### Preparing for A Level Politics in September 2023

#### Reading List

Your reading list is actually a listening list!

Good quality politics podcasts are the best way stay abreast of current news and political events in an academic and in- depth way.

Find the following podcasts from wherever you get your podcasts ( Apple music, Amazon music, global player etc) and add them to your favourites.

You should start listening to them regularly every week to gain insight into current political events and how they could be analysed.



Published every Wednesday and with a follow-up question time edition on Thursday



Published daily at 5pm.

#### Wider reading:

- 'Essentials of UK Politics and Government: Pearson Edexcel A-Level' by by Andrew Heywood, Kathy Schindler, Adam Tones
- 'Political Ideas for A Level: Liberalism, Socialism, Conservatism, Feminism, Anarchism' (2<sup>nd</sup> edition) by Richard Kelly, Maria Egan, Neil McNaughton
- 'The Impossible Office? : The History of the British Prime Minister' by Anthony Seldon, Jonathan Meakin, Ilias Thoms
- 'How Westminster Works . . . and Why It Doesn't' by Ian Dunt
- 'Alastair Campbell Diaries: Volume 6: From Blair to Brown, 2005 – 2007' by Alastair Campbell (Author)
- 'The British Constitution: A Very Short Introduction (Very Short Introductions)' by Martin Loughlin (Author)



## PSYCHOLOGY

### Extra Reading – PSYCHOLOGY

Great books for you to read in your own time to extend your psychological knowledge beyond the AQA specification.

- 📖 The Lucifer effect - Zimbardo
- 📖 The Social Animal
- 📖 Lauren Slater Opening Skinner's Box
- 📖 Stuart Sutherland 'Rationality'
- 📖 Mark Haddon 'The Curious Incident off the dog in the night'
- 📖 Stuart Sutherland 'Breakdown: A personal crisis and medical dilemma'
- 📖 Oliver Sacks The man who mistook his wife for a hat'
- 📖 Chris Sizemore 'I'm Eve'
- 📖 Predictably Irrational
- 📖 Putwain and Sammons 'Psychology and Crime'
- 📖 Paul Britton 'The Jigsaw Man'
- 📖 Harper Lee 'To kill a mockingbird'
- 📖 The Honest Truth About Dishonesty: How We Lie to Everyone (Especially Ourselves)
- 📖 Sandra Aamodt & Sam Wang 'Welcome to Your Brain'
- 📖 Judith Rapoport 'The boy who couldn't stop washing'
- 📖 Robert Akeret 'The man who loved a polar bear & other psychotherapist's tales'
- 📖 John Grisham 'Innocent Man'
- 📖 Colin Wilson and Donald Seaman 'The Serial Killers: A Study in the Psychology of Violence'
- 📖 Ken Kesey 'One Flew Over the Cuckoo's Nest'

Here are some films that have psychological links

- 📽 A beautiful mind (2001) – useful for schizophrenia
- 📽 Mockingbird don't sing (2001) – useful for privation
- 📽 Amelie (2001) - Schizotypal Personality Disorder
- 📽 As good as it gets (1997) – OCD
- 📽 The Breakfast Club (1985) – Psychopathology, Conformity
- 📽 Girl Interrupted (1999) –Psychopathology
- 📽 The Quiet Room (1996) – Attachment
- 📽 Shutter Island - Abnormality
- 📽 50 first dates – Memory
- 📽 The experiment – Zimbardo's study

### Podcasts

Apple Podcasts for A Level Psychology <https://podcasts.apple.com/gb/podcast/aqa-a-level-psychology/id1451895542>

Radio 4 All in the Mind <https://www.bbc.co.uk/programmes/b006qxx9/episodes/downloads>

# **SOCIOLOGY**

## **Magazines and Journals**

Sociology Review  
National Geographic  
Guardian Society (Wednesdays)  
The Economist

## **Websites**

LSE Researching Sociology Blog [www.educationforum.co.uk/sociology](http://www.educationforum.co.uk/sociology) [www.sociology.org.uk](http://www.sociology.org.uk)  
<http://www.aqa.org.uk/qual/gce/sociology> <http://www.s-cool.co.uk>

<http://www.statistics.gov.uk/glance/> Sociology Resources

## **Podcasts & Videos**

<https://podcasts.ox.ac.uk/series/departmentsociologypodcasts>

<https://www.aqa.org.uk/resources/sociology/as-and-a-level/sociology/teach/podcasts-for-as-and-a-level-sociology>

## **TED Talks- search by subject or presenter**

Panorama (BBC1)

Channel 4 news

Cutting Edge (C4)

## **Books**

Chavs: The demonisation of the working class Owen Jones

1984 George Orwell

The Communist Manifesto Karl Marx and Friedrich Engels

We should all be Feminists Chimamanda Ngozi Adichie

McMafia - Misha Glenny

Twitter

Twitter suggestions

@TheSocReview – The Sociology Review A Level magazine @DailySociology – sociology news every day @SocImages – links to interesting articles and research @TheSocCinema – pop culture and film links with sociology

@SassySociology – a PhD student specialising in gender, ethnicity and inequalities @LearnSoc - this is the official twitter page of one of the largest sociology websites @SociologyLens - provides links to current sociological topics, research and issues to debate



## SPANISH

### TO WORK ON YOUR READING



Select an article which interests you, read it carefully and select at least 10 new pieces of vocabulary to look up. The choice of topic area is limitless. The temptation may be to pick an article on fashion, but you should avoid doing this every week as they are not so easy to understand. It is a good idea to vary the topic area and to choose articles related to the syllabus topics so that you encounter a variety of vocabulary.

[www.bbc.co.uk/languages/spanish/news](http://www.bbc.co.uk/languages/spanish/news)

The best place to start is the BBC's languages web-pages. Choose the "**reportajes**" link to find articles from the former "**Semanario Internet**" with a variety of reading exercises. The articles are archived into topic areas that relate to the AS and A level syllabus.

Some of them include audio clips so you can base your listening task on the same topic.

[www.elmundo.es](http://www.elmundo.es)

Spanish daily newspaper. The website gives you access to all of the day's news articles.

[www.elpais.es](http://www.elpais.es)

Spanish daily newspaper. The website gives you access to the day's news articles although you may require a subscription to view the majority of the articles in full.

[es.news.yahoo.com/](http://es.news.yahoo.com/)

[www.abc.es/](http://www.abc.es/)

On-line Spanish daily news.

[www.terra.es](http://www.terra.es)

On-line Spanish daily news.

[www.donbalon.es/front/](http://www.donbalon.es/front/)

Spanish football website with related articles.

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

Spanish celebrity gossip magazine. Subscription required to view some of the articles.

[www.terra.es](http://www.terra.es) (archive news)

[www.marca.es](http://www.marca.es) (sport)

[www.estrelladigital.es](http://www.estrelladigital.es)

## TRAVEL & TOURISM

### Travel & Tourism Reading List:

Suggested articles on destinations you may be interested in, for you to research:

[National Geographic Traveler Magazine: 100 Articles Online](#)