

Suggested Reading List for A Level Biologists

MAGAZINES, NEWSPAPERS AND JOURNALS - these can be borrowed free from the library!

- New Scientist
- Scientific American
- Nature
- Science
- Biological Sciences Review
- British Medical Journal
- Any scientific articles in newspapers (e.g. the Guardian on Wednesday)

WEBSITES

- <http://www.ibiblio.org/virtualcell/index.htm> – An interactive cell biology site
- <http://www.accessexcellence.org/RC/VL/GG> – Illustrations of many biotechnology processes
- <http://www.uq.oz.au/nanoworld> – Visit the world of electron-microscopy
- <http://www.dnai.org/a/index.html> – Explore the genetic code
- <http://nobelprize.org> – Details of the history of the best scientific discoveries
- <http://nature.com> – The site of the scientific journal
- <http://royalsociety.org> – Podcasts, news and interviews with scientists and recent events
- <http://www.nhm.ac.uk> – Natural History Museum: lots of interesting educational material
- <http://www.bmj.com> – The website of the British Medical Journal
- http://www.bbc.co.uk/news/science_and_environment - BBC: Science and the Environment

OR FOLLOW THEM on social media - recommendations include, but are not limited to: Nature, Natural History Museum, Science Museum, Wellcome Trust, The Royal Society, Royal Institution, New Scientist, BBC Science, Professor Brian Cox, Women of Science.

BOOKS

These are all available from Milton Keynes Library, which is free to join, and many are e-books that you can borrow straight to your device for free using the Libby library app.

Peter Atkins Atkin's molecules. Could make you fall in love with Biochemistry.

Guy Brown The energy of life. An enthralling account of the electricity that keeps you alive and one of the best popular science books ever written. It complements the A2 Respiration topic perfectly and makes all kinds of complex issues immediately accessible. **IF YOU READ NOTHING ELSE, READ THIS!**

Bill Bryson A Short History of Nearly Everything

Charles Darwin The origin of species

Richard Dawkins

- The Selfish Gene
- The Blind Watchmaker
- Unweaving the Rainbow
- The Ancestor's Tale
- Climbing Mount Improbable
- The Extended Phenotype

Barry Gibb The Rough Guide to the Brain

David S. Goodsell The Machinery of Life

Steve Jones

- Y: The Descent of Men
- The Language of the Genes
- In the Blood: God, Genes and Destiny
- Almost Like a Whale: The 'Origin of Species' Updated

Nick Lane Power, Sex, Suicide. A book about mitochondria. Quite heavy, but absolutely fascinating!

Richard Leaky The Origin of Humankind

Armand Marie Leroi Mutants: On the Form, Varieties and Errors of the Human Body

Primo Levi The Periodic Table. Each chapter has the name of an element, and each is a self-contained story.

Ernst Mayr This Is Biology: The Science of the Living World

Steve Pinker The Language Instinct

Matt Ridley

- Genome: The Autobiography of a Species in 23 Chapters
- The Red Queen: Sex and the Evolution of Human Nature
- Francis Crick: Discoverer of the Genetic Code
- The Language of Genes
- Nature Via Nurture: Genes, Experience & What Makes Us Human

Oliver Sacks The man who mistook his wife for a hat.

Bryan Sykes The Seven Daughters of Eve.

Lewis Thomas

- The Lives of a Cell: Notes of a Biology Watcher.
- The Medusa & the Snail: More Notes of a Biology Watcher

George C. Williams Plan and Purpose in Nature

Edward O. Wilson The Diversity of Life

James Watson

- DNA: The Secret of Life
- The Double Helix: Personal Account of the Discovery of the Structure of DNA