

A-Level Biology – Wider Reading list

Depending on your areas of interest there are a huge number of “popular” science books to inspire you. I have only given you some ideas below.

Genetics

- The Immortal Life of Henrietta Lacks. Skloot, R.
- The Language of the genes. Jones, S.
- The Serpent’s Promise. Jones, S
- In the blood. Jones, S.
- Y: the Descent of Men. Jones, S.
- Genome. Ridley, M.

Evolution

- The Beak of the Finch. Weiner, J
- Almost Like a Whale. Jones, S.
- A Devil's Chaplain. Dawkins, R.
- The Selfish Gene. Dawkins, R.
- The Blind Watchmaker. Dawkins, R.
- Wonderful Life. Gould, SJ.
- Dinosaur in a Haystack. Gould,
- Trilobite. Fortey, RA.
- The Rise and fall of the Third Chimpanzee. Diamond, J.
- The Ancestor's Tale. Dawkins, R.
- The Thinking Ape: Evolutionary Origins of Intelligence. Byrne, R.
- The Kiwi's Egg; Charles Darwin and Natural Selection. Quammen, D.
- The Greatest Show on Earth. Dawkins, R.
- The Seven Daughters of Eve. Sykes B.

Physiology

- Why Elephants Have Big Ears. Lavers, C.
- The Energy of Life. Brown, G.
- Keep on Running. Newcastle Leech Duester

- Power, sex, suicide: mitochondria and the meaning of life. Lane, N.
- Oxygen. Lane, N.
- Life at the Extremes. Frances Ashcroft

Immunology

- Immunology: A Comparative Approach. Turner RJ
- Friendly Fire: Explaining Auto-immune disease. Isenerg, E.

Neuroscience/Psychology

- The Man Who Mistook His Wife for a Hat. Sacks, O.
- An Anthropologist on Mars. Sacks, O.
- Awakenings. Sacks, O.
- Mapping the Mind. Carter, R.
- How the Mind Works. Pinker, S.
- The Brain Story. Greenfield, S.

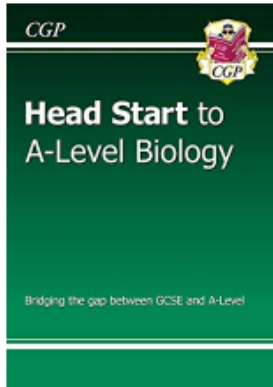
Microbiology

- Missing microbes: Martin Blaser
- Gut: The inside story of the body's most underrated organ: Guilia Enders

Other Sources of Information

The recommended textbook for the course is AQA Biology 2nd edition, Glenn and Susan Toole ISBN 978-0-19-835177-1, Oxford University Press. This will be available to purchase at the start of the year.

In addition, this will help you prepare for the course and is essential if you (a) did combined science (b) are predicted a 5 or 6 grade at GCSE.



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- The magazine **Biological Sciences Review** is specially written for A-Level Biology students and is highly recommended. It can be ordered at a reduced rate from the Biology department.

- Below are some **useful websites**.

🔗 www.s-cool.co.uk – a revision site with animated pictures and questions.

🔗 www.biologymad.co.uk - an excellent site with lots of useful links

🔗 www.mrothery.co.uk - another excellent site

<https://www.youtube.com/channel/UCxUHVv2k31uTOiCm4njuRfQ> - McGraw-Hill animations are excellent at explaining complex concepts

<https://www.sciencemag.org/podcasts>

- Also, look up “**Biology Carol**” on youtube.com . She is a biology tutor who has made some excellent videos to help with revision.