

## Suggested Reading List for Btec Applied Science

### Magazines, Newspapers and journals

New Scientist

Scientific American

Nature

Science

Biological Sciences Review

Chemistry Review magazine (free on the library website)

Any scientific articles in newspapers (eg the Guardian on Wednesday)

### Websites

- The Nursing and Midwifery Council - <https://www.nmc.org.uk/>
- BBC Health <http://www.bbc.co.uk/news/health>
- NHS Careers <https://www.healthcareers.nhs.uk/>
- MOOCS <https://www.futurelearn.com/courses/the-impact-of-nursing>
- <https://www.futurelearn.com/courses/hta>
- <https://www.futurelearn.com/courses/nhs-values-nursing-midwifery>
- <http://www.accessexcellence.org/RC/VL/GG> – A web site showing illustrations of many processes of biotechnology
- “The Mole”: <http://www.rsc.org/eic/mole>
- <http://www.uq.oz.au/nanoworld> – Visit the world of electron-microscopy
- <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 about recent scientific developments
- <http://www.nhm.ac.uk> – The London Natural History Museum’s website with lots of interesting educational material
- [http://www.bbc.co.uk/news/science\\_and\\_environment](http://www.bbc.co.uk/news/science_and_environment) - The BBC news page for Science and the Environment
- <https://www.amazon.co.uk/Immortal-Life-Henrietta-Lacks/dp/0330533444> - really interesting as it covers medical science and ethics
- [https://www.amazon.co.uk/Nurses-Survival-Guide-Ward-3e-x/dp/0702046035/ref=sr\\_1\\_1?s=books&ie=UTF8&qid=1437164405&sr=1-1&keywords=nurses+survival+guide+to+the+ward](https://www.amazon.co.uk/Nurses-Survival-Guide-Ward-3e-x/dp/0702046035/ref=sr_1_1?s=books&ie=UTF8&qid=1437164405&sr=1-1&keywords=nurses+survival+guide+to+the+ward)
- [https://www.amazon.co.uk/dp/0702045799/ref=pd\\_lpo\\_sbs\\_dp\\_ss\\_1?pf\\_rd\\_p=569136327&pf\\_rd\\_s=lpo-top-stripe&pf\\_rd\\_t=201&pf\\_rd\\_i=0702027308&pf\\_rd\\_m=A3P5ROKL5A1OLE&pf\\_rd\\_r=07RTB2R81HG0ZQ0QGG51](https://www.amazon.co.uk/dp/0702045799/ref=pd_lpo_sbs_dp_ss_1?pf_rd_p=569136327&pf_rd_s=lpo-top-stripe&pf_rd_t=201&pf_rd_i=0702027308&pf_rd_m=A3P5ROKL5A1OLE&pf_rd_r=07RTB2R81HG0ZQ0QGG51)
- <http://www.chemguide.co.uk/>
- <http://www.revisionworld.co.uk/level-revision/chemistry>
- <http://www.knockhardy.org.uk/sci.htm> (also contains quizzes)

### Books

Research these on Amazon and select a few to read:

Sarah Snow:

Getting into nursing and midwifery

Richard Dawkins:

The Selfish Gene

The Blind Watchmaker.

The Ancestor’s Tale

Brian Cox:

Wonders of the universe

Universal guide to the Universe

Wonders of the Solar system  
Hugh Aldersey- Williams  
The curious Lives of the Elements.  
Bill Bryson:  
A Short History of Nearly Everything  
Primo Levi:  
The Periodic Table  
Steve Jones:  
Y: The Descent of Men  
In the Blood: God, Genes and Destiny  
Almost Like a Whale: The 'Origin of Species' Updated  
The Language of the genes  
Richard Leaky:  
The Origin of Humankind  
  
John Gribben  
In Search of Schrodinger's Cat  
In Search of the Multiverse)  
Matt Ridley  
Genome: The Autobiography of a Species in 23 Chapters  
The Red Queen: Sex and the Evolution of Human Nature  
The Language of Genes  
Francis Crick: Discoverer of the Genetic Code  
Nature Via Nurture: Genes, Experience and What Makes Us Human  
  
James Watson:  
DNA: The Secret of Life  
The Double Helix: Personal Account of the Discovery of the Structure of DNA  
  
Charles Darwin: The origin of species  
  
J. Emsley:  
Molecules at an Exhibition, Oxford, 1998.  
The Shocking History of Phosphorus, Macmillan, 2000.  
The Elements of Murder; the History of Poisons, OUP, 2005.  
Molecules of Murder: Criminal Molecules and Classic Murders, RSC, 2008.  
Ernst Mayr:  
This Is Biology: The Science of the Living World  
  
Steve Pinker:  
The Language Instinct  
  
Edward O Wilson: The Diversity of Life