

The Biology Department will be following the Biology A Level course run by WJEC Eduqas.

The A Level Biology syllabus can be found at: [https://www.eduqas.co.uk/ed/qualifications/biology-as-a-level/#tab\\_overview](https://www.eduqas.co.uk/ed/qualifications/biology-as-a-level/#tab_overview)

In preparation for the beginning of the course the following topics should be reviewed:

Cell structure, Cell division, Molecules, Enzymes and their uses. (BBC Bitesize is a good resource)

A selection of suggested reading for prospective Year 12 Biologists

- **Richard Dawkins:**
  - The God Delusion
  - The Selfish Gene
  - The Extended Phenotype
  - The Blind Watchmaker
  - River Out of Eden
  - Climbing Mount Improbable
  - Unweaving the Rainbow
  - The Ancestor's Tale
  - The Greatest Show on Earth.
- **Matt Ridley**
  - Nature via Nurture
  - The Red Queen.
  - Genome
- **Steve Jones**
  - Language of the Genes.
  - The Serpents' Promise
- **Nick Lane**
  - Power, Sex and Suicide.
  - Life Ascending – The 10 Great Inventions of Evolution
  
- The Seven Daughters of Eve - **Professor Bryan Sykes**
- Bad Science – **Ben Goldacre**
- Thinking Fast and Slow – **Daniel Kahneman**
- The Human Brain – **Susan Greenfield**
- The Epigenetics Revolution – **Nessa Carey**
- Darwin's Dangerous Idea – **Daniel C. Dennett**
- The Meme Machine – **Susan Blackmore**
- The British: A Genetic Journey – **Alistair Moffat**
- A Troublesome Inheritance – **Nicholas Wade**
- The Sports Gene – **David Epstein**
- The Philadelphia Chromosome – **Jessica Wapner**
- The God Species – **Mark Lynas**
- The Incredible Unlikelihood of Being - **Alice Roberts**
- Sapiens, brief history of Humankind - **Yuval Noah Harari**
- The Body a Guide for Occupants - **Bill Bryson**

