







https://www.youtube.com/watch?v=6v8djXa-IPQ



This is an introductory course on cells:

https://www.open.edu/openlearn/science-maths-technology/histology-microscopy-anatomy-and-disease/content-section-overview?active-tab=description-tab



Sporcle contains lots of Biology related quizzes so you can have fun testing your knowledge. https://www.sporcle.com/games/subcategory/biology

Here are some particularly good ones

https://www.sporcle.com/games/popestcyril/biology-terms-ii

https://www.sporcle.com/games/Sebzy7Quizies/fun-biology-questions-sure-to-keep-you-active https://www.sporcle.com/games/alinrotundu/without-sporcle-science



Eden TV

 You can find out why an elephant has a trunk https://eden.uktv.why-do-elephants-have-trunk/ Or why a paper cut is so painful https://eden.uktv.co.uk/blog/article/why-do-paper-cuts-hurt-so-much/

New Scientist Live

Each week there are three talks available for free – one talk aimed at school students, one for families and one by a world-leading scientist or author.

https://www.youtube.com/newscientist



BBC Sounds Radio 4 Frontiers - In the first episode, Geoff Watts visits the Human Microbiome Project in the US where they're studying the genetics of bacteria which live on the human body https://www.bbc.co.uk/sounds/play/b011jv8r



Suggested Reading & Podcasts 🜙



Podcasts

- The Infinite Monkey cage Microbes:
 Secret Rulers of the World https://www.bbc.co.uk/programmes/m0001xqb
- Coral Reefs https://www.bbc.co.uk/sounds/play/m000dpl2
- The Life Scientific Jonathan Ball on his arms race against viruses: https://www.bbc.co.uk/sounds/play/m00074h0
- In Our Time Rosalind Franklyn discussion of the pioneering scientist and her work on viruses and DNA https://www.bbc.co.uk/sounds/play/b09rzm9y
- The Cell the fundamental building blocks of life https://www.bbc.co.uk/sounds/play/b01mk8vh

Suggested reading

- The Wellcome Trust has loads of resources for A Level students: https://www.stem.org.uk/big-picture/resource-collection
- Yourgenome has lots of information and animations on DNA and its manipulation: https://www.yourgenome.org/topic/in-the-cell
- Genome: The Autobiography of a Species in 23 Chapters (Matt Ridley): https://www.amazon.co.uk/Genome-Autobiography-Species-23-Chapters-ebook/dp/B06Y6248H5/ref=sr_1_6?dchild=1&keywords=matt+ridley&qid=1589354211&s=digital-text&sr=1-6

TV & Film Ĕ

Code of a Killer - The story of Sir Alec Jeffreys, the inventor of DNA fingerprinting. Be warned though, it involves a horrible murder story which Alex Jeffreys was determined to solve. 2 episodes on YouTube:

 https://www.youtube.com/ watch?v=L3AEsrixGAo&feature=youtu.be

TED talks - A collection of TED Talks on the topic of Biology:

https://www.ted.com/topics/biology

Planet Earth – Sir David Attenborough (BBC iPlayer):

 https://www.bbc.co.uk/programmes/ b006mywy

Our Planet – Sir David Attenborough (Netflix):

https://www.netflix.com/gb/title/80049832

Course Specifications



A Level - Download OCR Biology Specification



