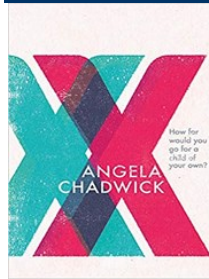
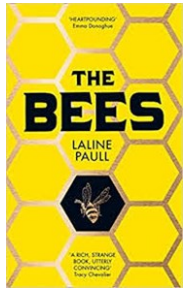


FICTION:



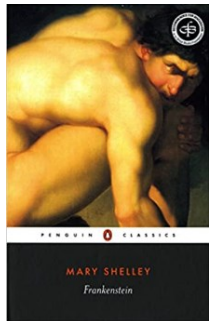
XX

What would happen if men weren't needed to produce babies? This dystopian fiction looks at what that future could look like. If you liked *The Handmaid's Tale*, try this one



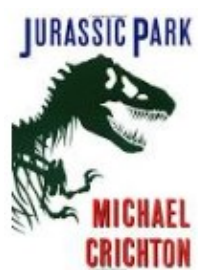
The Bees

This novel tells the tale of conflict and dystopia among social insects, where each individual has a role to play to ensure the success of the entire colony



Frankenstein; or, The Modern Prometheus

This is an 1818 novel written by Mary Shelley that tells the story of Victor Frankenstein, a young scientist who creates a hideous sapient creature in an unorthodox scientific experiment.



Jurassic Park A tale about genetic engineering and the collapse of an amusement park showcasing re-created dinosaurs to illustrate the concept of chaos theory and its real world implications

WEBSITES:

A great place to keep up to date on current biology findings is **The Day**. Recent articles include *Wor wombs*.

<https://theday.co.uk/subjects/biology>



PODCASTS:

Listen when you go for your state-sanctioned exercise trip, or when you just need to block out the family. A great place to find podcasts is **BBC Sounds**.



CROWDSCIENCE: WHY DO INSECTS PREFER TO BITE SOME PEOPLE? If you are one of the unfortunate people who always get bitten while those around you are unscathed, this podcast will explain why!

30 ANIMALS THAT MADE US SMARTER What is the link between familiar (and not-so-familiar) animals and science?

INSPIRATION:



"We are embedded in a biological world and related to the organisms around us."

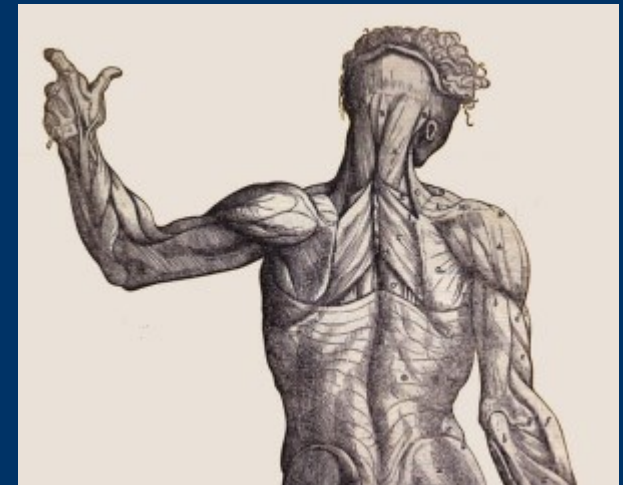
Walter Gilbert



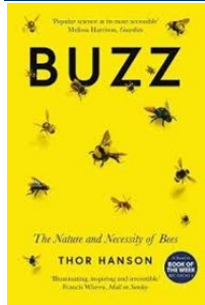
Ilkley Grammar School
A Moorlands Learning Trust Academy

Biology

POST-16
WIDER READING LIST

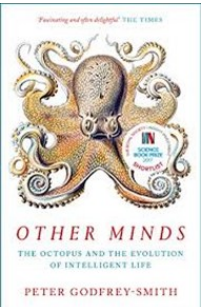


NON-FICTION

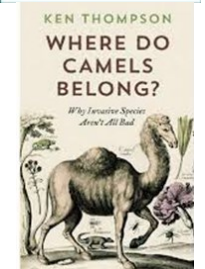


BUZZ: THE NATURE AND NECESSITY OF BEES

Thor Hanson takes you on a journey around the world, looking at the impact of bees on our lives. If you are interested in insects and how they interact with humans, this is a great one!



OTHER MINDS Octopus brains are incredibly different to ours, yet they show vast intelligence. This book looks at their brains, and what this can tell us about the evolution of human intelligence.



WHERE DO CAMELS BELONG? A journey through the contradictions of 'native' and 'invasive' species – the good, the bad and the downright ugly. Covering both plants and animals, this book covers many examples, in the realms of agriculture, conservation and urban management.



THE MAN WHO MISTOOK HIS WIFE FOR A HAT In Dr Sacks's splendid and sympathetic telling, each case study of patients with brain damage is a unique and deeply human study of life struggling against incredible adversity.

TV Programmes/Films



WHAT IS THE TRAGEDY OF THE COMMONS?

The title might sound like a Shakespeare play, but this concept is really important to evolution, environmental studies and habitat conservation. It also has links to economics – who knew?

<https://www.youtube.com/watch?v=CxC161GvMPc>

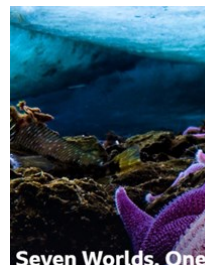


book cover]

A BREIF HISTORY OF DOGS

Mankind's best friend – but how did dogs end up so varied and so different? The classic selective breeding example!

<https://www.youtube.com/watch?v=8KWmzLObQ4>



SEVEN WORLDS, ONE PLANET An absolutely stunning series exploring each continent in turn – expect hamsters, bears, walruses, lizards and much more. If you haven't watched this yet, now is your chance to travel from your sofa!

<https://www.bbc.co.uk/iplayer/episodes/p07dzjwl/seven-worlds-one-planet>



UNNATURAL SELECTION

Netflix series exploring the people behind the science of genetic engineering, from eradicating childhood diseases to designer babies

SCHOOL INFORMATION

Exam Board: AQA

Subject Leader: Miss Porritt

Minimum grade required: General entry requirement for Post-16: 5 grade 4 at GCSE, including English and/or Maths. Specific entry requirements: Grade 6 in GCSE Biology or Trilogy Science. Grade 6 in Maths. Grade 5 in English.

MAGAZINES & PERIODICALS:

You may wish to consider subscribing to:



Biological Sciences Review. This magazine is written specifically for students of A level Biology, Scottish Higher Biology and first year Biological Sciences undergraduates. It is highly readable and bridges the gap between your text books and scientific journals. There is a charge for subscribing to the magazine. An archive of articles from previous issues can be found on the [magazine's website](#).



Big Picture. This is a free magazine produced by the Wellcome Trust. It is written for post 16 Biology students and explores the innovations and implications of cutting edge biomedical science. [Visit the website](#) to access previous issues.