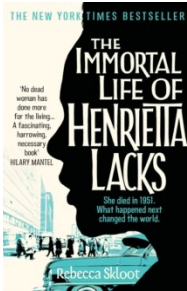


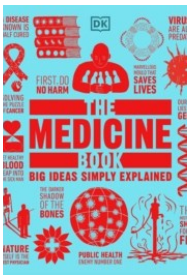
### **The Diversity of Life** by Edward Wilson

Eloquently describes how the species of the world became diverse, and why the threat to this diversity today is beyond the scope of anything we have known before.



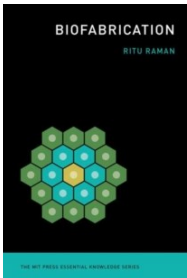
### **The Immortal Life of Henrietta Lacks** by Rebecca Skloot

Essential reading on the issue of race, class, and ethics in scientific research through a single, notorious case study.



### **The Medicine Book** by DK

How are illnesses diagnosed? What is cancer? Why are some pandemics so deadly? This book explores big questions like these, explaining the discoveries that have shaped our modern-day understanding of medicine.



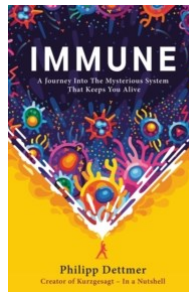
### **Biofabrication** by Ritu Raman

An introductory guide to the concepts and technology around building and making machinery with living cells.



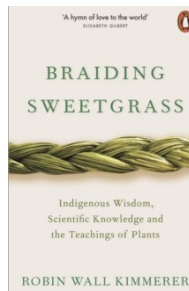
### **Biological Sciences Review**

A quarterly magazine written by experts, designed especially for A Level students.



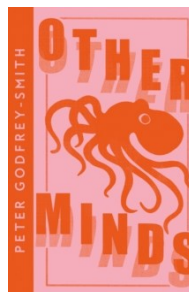
### **Immune** by Philipp Dettmer

A gorgeously illustrated deep dive into the immune system.



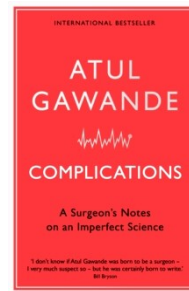
### **Braiding Sweetgrass** by Robin Wall Kimmerer

An exploration of indigenous science and ecological consciousness.



### **Other Minds** by Peter Godfrey-Smith

What kind of intelligence do cephalopods possess? And how did the octopus, a solitary creature, become so smart?



### **Complications** by Atul Gawande

An account of the life of a surgeon: what it is like to cut into people's bodies and the terrifying - literally life and death - decisions that have to be made



### **The New Scientist** magazine

The defining publication for anyone interested in modern and developing science.

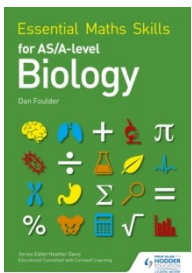
Available to read online for free via Hertfordshire Public Libraries, with a library card.

# Biology

## WIDER READING

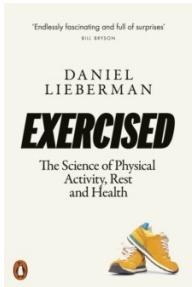


All these books are available from the school library



## Essential Maths Skills for A Level Biology by Dan Foulder

If you struggle with standard deviation, statistical tests and logarithmic functions, this is the book for you.

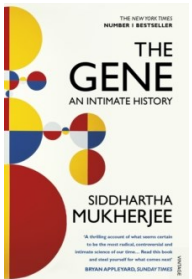


## Exercised by D. Lieberman

An exploration of what exercise our bodies need, why it matters, and how best we can do it.

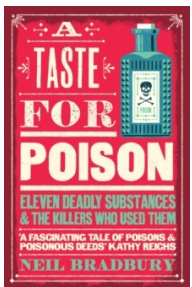
## The Gene by S. Mukherjee

The story of the gene begins in an obscure Augustinian abbey in 1856 where Mendel stumbles on the idea of a 'unit of heredity'. It intersects with Darwin's theory of evolution, and collides with the horrors of Nazi eugenics.



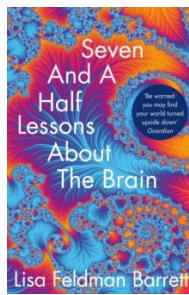
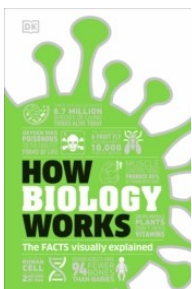
## A Taste for Poison by N. Bradbury

It can be slipped into a drink, smeared onto the handle of a door, even filtered through the air we breathe. But how exactly do poisons work to break our bodies down, and what can we learn from the damage they inflict?



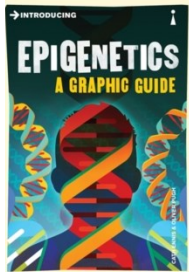
## How Biology Works by DK

A simple, visual guide to the science of life, which demystifies core biology and introduces cutting edge concepts.



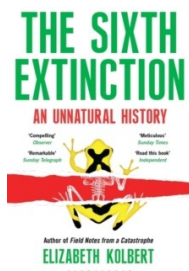
## Seven and a Half Lessons About the Brain by LB Feldman

Let a renowned neuroscientist demystify that big grey blob between your ears. You'll learn where brains came from, how they're structured (and why it matters), and how yours works in tandem with other brains to create everything you experience.



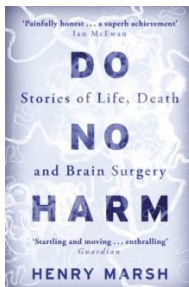
## Epigenetics: a Graphic Guide by Ennis, Gomes and Pugh

Introduces you to genetics, cell biology and epigenetics, which is rapidly filling in the gaps in our knowledge, allowing us to make huge medical advances.



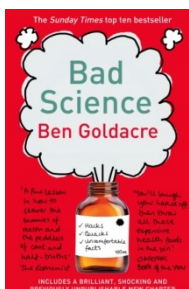
## The Sixth Extinction by Kolbert

Blends natural history, field reporting and the history of ideas and into a powerful account of the mass extinction happening today.



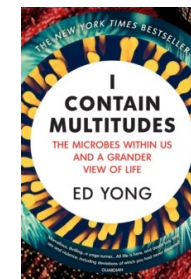
## Do No Harm by Henry Marsh

What is it like to be a brain surgeon? How do you live with the consequences when it all goes wrong?



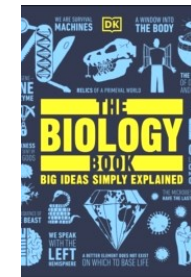
## Bad Science by Ben Goldacre

Lifts the lid on quack doctors, flaky statistics, scaremongering journalists and evil pharmaceutical corporations.



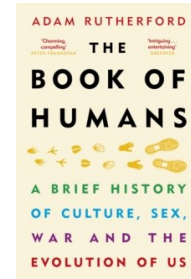
## I Contain Multitudes by Ed Yong

Your body is teeming with tens of trillions of microbes. They sculpt our organs, protect us from diseases, guide our behaviour, and bombard us with their genes. They also hold the key to understanding all life on earth.



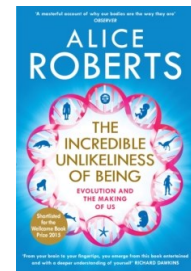
## The Biology Book by DK

Learn about the most important discoveries and theories of the field, in an accessible format. Packed with facts, charts, timelines and graphs to help explain core concepts.



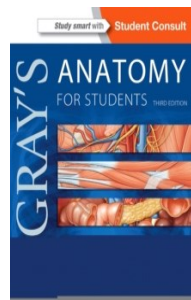
## The Book of Humans by Adam Rutherford

What makes us human? Seeing as our genome is 98 percent identical to a chimpanzee's, how did we develop the most complex culture ever observed?



## The Incredible Unlikelihood of Being by Alice Roberts

Revealing your path from a single cell to a complex embryo to a living, breathing, thinking person.



## Gray's Anatomy

The definitive, detailed textbook for students of human anatomy, with precise, detailed illustrations and useful clinical examples.