

SCIENCE Year 7



TERM	KEY READING	ADDITIONAL RESOURCES
AUTUMN 1	Horrible science – suffering scientists Horrible science – Really rotten experiments	An astronaut's guide to life on earth – Chris Hadfield
AUTUMN 2	Horrible science – Killer energy	Women in Science. 50 fearless pioneers who changed the world. - Rachel Ignatofski
SPRING 1	The Boys Body Book (Kelli Dunham) Welcome to your Period (Yumi Stynes)	BBC Bitesize – KS3 Biology https://www.bbc.co.uk/bitesize/subjects/z4882hv
SPRING 2	The Shocking Story of Electricity (Anna Claybourne) Horrible sciences - Shocking Electricity	BBC Bitesize – KS3 Physics https://www.bbc.co.uk/bitesize/subjects/zh2xsbk
SUMMER 1	Adventures of a young naturalist – David Attenborough	BBC Bitesize – KS3 Biology https://www.bbc.co.uk/bitesize/subjects/z4882hv
SUMMER 2	Vibrations make sound (Jennifer Boothroyd)	BBC Bitesize – KS3 Physics https://www.bbc.co.uk/bitesize/subjects/zh2xsbk

SCIENCE Year 8



TERM	KEY READING	ADDITIONAL RESOURCES
AUTUMN 1	Horrible science – killer energy	Limitless – Tim Peake Ask an Astronaut. My guide to life in space – Tim Peake
AUTUMN 2	Horrible science - Blood, Bones and Body Bits	How to make a human (Clive Gifford)
SPRING 1	DNA detectives: To catch a thief (Amanda Hartley)	BBC Bitesize – KS3 Biology https://www.bbc.co.uk/bitesize/subjects/z4882hv
SPRING 2	Benjamin Franklin and the discovery of electricity (Megan Cooley Peterson) Horrible sciences - Shocking Electricity	BBC Bitesize – KS3 Physics https://www.bbc.co.uk/bitesize/subjects/zh2xsbk
SUMMER 1	A life on our planet – David Attenborough	BBC Bitesize – KS3 Biology https://www.bbc.co.uk/bitesize/subjects/z4882hv
SUMMER 2	Under the Stars a Journey into Light (Matt Gaw)	BBC Bitesize – KS3 Physics https://www.bbc.co.uk/bitesize/subjects/zh2xsbk

SCIENCE Year 9



TERM	KEY READING	ADDITIONAL RESOURCES
AUTUMN 1	The Martian (Andy Weir)	Project Hail Mary (Andy Weir) Exoplanets: The search for another earth – Audible original podcast (Danielle George)
AUTUMN 2	Horrible science – Evolve or die	Failure is not an option – Gene Kranz
SPRING 1	What is Climate Change? (Gail Herman) Horrible science – Wasted world	BBC Bitesize – KS3 Chemistry https://www.bbc.co.uk/bitesize/subjects/znxytyrd
SPRING 2	Living Sunlight: How plants bring the Earth to Life (Molly Bang and Penny Chisholm)	BBC Bitesize – KS3 Biology https://www.bbc.co.uk/bitesize/subjects/z4882hv
SUMMER 1	Little cells (Katie McKissick)	BBC Bitesize – KS3 Biology https://www.bbc.co.uk/bitesize/subjects/z4882hv
SUMMER 2	The Periodic Table is Weird (Noodle Fuel, Luke Newall)	The Genius Dialogues – Audible original podcast (Bob Garfield)

SCIENCE Year 10



TERM	KEY READING	ADDITIONAL RESOURCES
AUTUMN 1	A selection of reading tasks included in lessons on the topics of Organisation, Atomic structure, and Bonding.	Oppenheimer film Chernobyl, History of a tragedy – Serhii Plokyh
AUTUMN 2	A selection of reading tasks included in lessons on the topics of Infection and response, and chemical changes	Cosmos – Carl Sagen Pandemic Diaries – Matt Hancock The Disappearing spoon... and other true tales from the periodic table – Sam Kean
SPRING 1	A selection of reading tasks included in lessons on the topics of energy changes and electricity	The theory of everything (Film)
SPRING 2	A selection of reading tasks included in lessons on the topics of bioenergetics and quantitative chemistry	'Just One Thing' Podcast Series Burn: The Misunderstood Science of Metabolism – H. Pontzer
SUMMER 1	A selection of reading tasks included in lessons on the topics of energy and ecology	A life on our planet – David Attenborough Adventures of a young naturalist – David Attenborough
SUMMER 2	A selection of reading tasks included in lessons on the topics of ecology and rates of reaction	A life on our planet – David Attenborough Adventures of a young naturalist – David Attenborough

SCIENCE Year 11



TERM	KEY READING	ADDITIONAL RESOURCES
AUTUMN 1	A selection of reading tasks included in lessons on the topics of forces and homeostasis	The Imitation Game (film) The body: A guide for occupants (Bill Bryson)
AUTUMN 2	A selection of reading tasks included in lessons on the topics of organic chemistry, chemical analysis and waves	Ravenous (Henry Dimbleby)
SPRING 1	A selection of reading tasks included in lessons on the topics of inheritance and chemistry of the atmosphere	A short history of nearly everything (Bill Bryson)
SPRING 2	A selection of reading tasks included in lessons on the topics of using earth's resources and magnets	Surely you're Joking Mr. Feynman! - Richard P. Feynman
SUMMER 1	CGP GCSE AQA Revision guide (combined science or biology+chemistry+physics)	Brief History of Time – Stephen Hawking Humble Pi – Matt Parker
SUMMER 2	CGP GCSE AQA Revision guide (combined science or biology+chemistry+physics)	What if? - Randall Munroe