

Science Programme of Study

Recommended Reading

Reading Age	Book Title	FICTION	Book Author
8+ years	The Girl Who Talked to Trees		Natasha Farrant
8-12 years	Space Case (Moon Base Alpha)		Stuart Gibbs
8-13 years	Trillions		Fisk Nicholas
8-13 years	The War of the Worlds		H.G. Wells
9+ years	Noggin		John Corey Whaley
9-11 years	A Wrinkle in Time		Madeleine L'Engle
9-11 years	Pig-Heart Boy		Malorie Blackman
9-12 years	When We Got Lost in Dreamland		Ross Welford
9-12 years	The Last Human		Lee Bacon
9-12 years	Talking to the Moon		S.E. Durrant
10+ years	The Discworld Series		Terry Pratchett
10-12 years	Bloom Series		Kenneth Oppel
10-14 years	FloodWorld		Tom Huddleston
10-14 years	Wink		Rob Harrell
11+ years	Frankenstein		Mary Shelley
11+ years	The Secret Deep		Lindsay Galvin
11+ years	A Rag, a Bone and a Hank of Hair		Nicholas Fisk
11+ years	Remade		Alex Scarrow
11-14 years	Hybrids		David Thorpe
12+ years	Journey to the Centre of the Earth		Jules Verne
12+ years	Uglies		Scott Westerfeld
12+ years	Trish Trash: Rollergirl of Mars		Jessica Abel
12+ years	Stargazing for Beginners		Jenny McLachlan
12-16 years	Forever Ends on Friday		Justin Reynolds
13+ years	The Hitchhiker's Guide to the Galaxy		Douglas Adams
13+ years	The Day of the Triffids		John Wyndham
13+ years	Echo Boy		Matt Haig
14+ years	Brave New World		Aldous Huxley
14+ years	Every Line of You		Naomi Gibson
14-16	The Knife of Never Letting Go		Patrick Ness

Reading Age	Book Title	NON-FICTION	Book Author
6-12 years	We Use Science (We Use STEAM!): Discover the Real-Life Science in Everyday Jobs!		Kim Hankinson
7+ years	KEW: Grow, Forage and Make: Fun things to do with plants		Alys Fowler
7+ years	Horrible Science Collection		Nick Arnold
7-9 years	Charles Darwin's On the Origin of Species (Words that Changed the World)		Anna Brett
7-10 years	Fossils From Lost Worlds		Helene Rajcak
7-11 years	Richard Hammond's Blast Lab		Richard Hammond
7-12 years	Fourteen Wolves: A Rewilding Story		Catherine Barr
7-12 years	Think Like a Scientist: Ask Questions! Read! Understand!		Susan Martineau and Vicky Barker
8+ years	Listified!: Britannica's 300 lists that will blow your mind		Andrew Pettie
8+ years	FACTopia!: Follow the Trail of 400 Facts		Kate Hale
8+ years	A Short History of Nearly Everything		Bill Bryson
8-11 years	Albert Einstein's Theory of Relativity: Words That Changed the World		Carl Wilkinson
8-12 years	Archimedes and the Door of Science		Jeanne Bendick
8-13 years	Celebrate Your Body (and Its Changes, Too!): The Ultimate Puberty Book for Girls		Sonya Renee Taylor
9+ years	A Really Short History of Nearly Everything		Bill Bryson
9+ years	Beyond Belief: The Science of the Future		Alex Woolf
9+ years	100 Things to Know About Saving the Planet		Usborne Publishing
9+ years	Katherine Johnson: A Life Story		Leila Rasheed
9-11 years	Ground Control to Major Tim: The Space Adventures of Major Tim Peake		Clive Gifford
9-11 years	Women in Science: 50 Fearless Pioneers Who Changed the World		Rachel Ignatofsky
9-12 years	The Way Things Work Now: A Visual Guide to the World of Machines		David Macaulay
9-12 years	Planetarium: (Welcome To The Museum)		Raman Prinja
9-12 years	All About Physics (Big Questions)		Richard Hammond
9-12 years	All About Biology (Big Questions)		Robert Winston
9-12 years	All About Chemistry (Big Questions)		Robert Winston
9-12 years	Beyond the Sky: You and the Universe		Dara O Briain
9-12 years	The Periodic Table Book: A Visual Encyclopedia of the Elements		Dorling Kindersley
9-12 years	The Fascinating Science Book for Kids: 500 Amazing Facts!		Kevin Kurtz
9-17 years	Unlocking the Universe		Stephen Hawking and Lucy Hawking

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10+ years	Galen and the Gateway to Medicine		Jeanne Bendick
10+ years	The Space Race		John Hamilton
10+ years	A Time Traveller's Guide to Life, the Universe and Everything		Ian Flitcroft
10+ years	The Science Book: Big Ideas Simply Explained		Dorling Kindersley
10-12 years	Built To Last		David Macaulay
10-12 years	Astrophysics for Young People in a Hurry		Neil Degrasse Tyson
10-12 years	The Disappearing Spoon: And Other True Tales of Rivalry, Adventure, and the History of the World from the Periodic Table of the Elements (Young Readers Edition)		Sam Kean
10-12 years	Genes and DNA (Kingfisher Knowledge)		Richard Walker
10-13 years	What If?: Serious Scientific Answer to Absurd Hypothetical Questions		Randall Munroe
11+ years	Diary of a Young Naturalist		Dara McAnulty
11-16 years	The Usborne Illustrated Dictionary of Science		Usborne Publishing
12+ years	How To: Absurd Scientific Advice for Common Real-World Problems		Randall Munroe
12+ years	Science Tales: Lies, Hoaxes and Scams		Darryl Cunningham
12+ years	I, Ada		Julia Gray
12+ years	The Awesome Power of Sleep: How Sleep Super-Charges Your Teenage Brain		Nicola Morgan
12-16 years	Logicomix: An Epic Search for Truth		Apostolos Doxiadis
12-16 years	Feynman		Jim Ottaviani
12-16 years	Apollo		Matt Fitch
12-18 years	Primates: the Fearless Science of Jane Goodall, Dian Fossey, and Birute Galdikas		Jim Ottaviani
13+ years	Magnetic Electricity! The Power of Magnets and Their Role in Electricity - Science for Kids - Children's Energy Books		Baby iQ Builder Books
13-18 years	Get Your Boots On		Alex White



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The Incredible Human Journey		Alice Roberts
Bad Science		Ben Goldacre
The Secret Life of Genes		Derek Harvey
How the Body Works: The Facts Simply Explained		Dorling Kindersley
There Is No Planet B		Mike Berners-Lee
How to Grow a Human: Adventures in Who We Are and How We Are Made		Philip Ball
Genetics in Minutes		Tom Jackson
Life on Earth: The Greatest Story Ever Told		David Attenborough
Where the Wild Things Grow: A Forager's Guide to the Landscape		David Hamilton
The Planet Factory: Exoplanets and the Search for a Second Earth		Elizabeth Tasker
Ingredients: The Strange Chemistry of Plants, Poisons and Processed Foods		George Zaidan
Ingredients: The Strange Chemistry of What We Put in Us and on Us		George Zaidan
The Periodic Table		Primo Levi
Built: The Hidden Stories Behind our Structures		Roma Agrawal
How to Invent Everything: A Survival Guide for the Stranded Time Traveler		Ryan North

Science-Related News and Research Websites
https://www.bbc.co.uk/news/science_and_environment
https://www.sciencenewsforstudents.org/
https://www.sciencedaily.com/
http://www.sci-news.com/
https://www.sciencefocus.com/
https://catalyst-magazine.org/
https://www.newscientist.com/
https://www.popsci.com/
https://www.science.org/
https://www.discovermagazine.com/
https://www.nature.com/