

Reading List

The following are some popular science books and resources that you may find helpful to help keep your interest going over summer and to find new interests within your subjects.

Books

- Al-Khalili, J. (2020) *The World According to Physics*. Princeton University press. **Good for:** Physics
- Arney, K. (2021) *Rebel Cell: Cancer, Evolution and the New Science of Life*. W&N. **Good for:** Cancer Sciences and Immunobiology
- Brooks, M (2022) *The Maths that Made Us*. Scribe UK. **Good for:** Maths
- Carson, R. (2002) *Silent Spring*. Houghton Mifflin. **Good for:** Environment/Conservation/Ecology
- Chapman, K. (2021) *Superheavy: Making and Breaking the Periodic Table*. Bloomsbury Sigma. **Good for:** Chemistry
- Crichton, M. (1993) *Jurassic Park*. **Good for:** Molecular Biology/Genetics/Chaos Theory
- Czerski, H. (2017) *Storm in a Teacup: The Physics of Everyday Life*. Black Swan. **Good for:** Physics and Maths
- Dawkins, R. (2005) *The Ancestor's Tale: a pilgrimage to the dawn of life*. Phoenix. **Good for:** Evolutionary Biology/Ecology
- Dawkins, R. (1989) *The Selfish Gene*. Oxford: Oxford University Press **Good for:** Genetics/Biology
- Dawkins, R. (1982) *The Extended Phenotype: the gene as a unit of selection*. Oxford University Press. **Good for:** Genetics/Biology
- Dunbar, R.I. (2022) *Friends: understanding the power of our most important relationships*. Abacus. **Good for:** Psychology/Evolutionary Biology
- Fagan, B.M. (2009) *The Complete Ice Age: how climate changed the world*. Thames & Hudson. **Good for:** Archaeology/Environmental Science/Earth Science
- Fagan, B.M. (2019) *The Little Ice Age: how climate made history 1300-1850*. Basic Books. **Good for:** Archaeology/Environmental Science
- Gamble, C., Gowlett, J., & Dunbar, R.I.M. (2014) *Thinking Big: how the evolution of social life shaped the human mind*. Thames & Hudson. **Good for:** Human Evolution/Psychology/Archaeology
- Harkup, K. (2021) *The Secret Lives of the Elements*. Greenfinch. **Good for:** Chemistry
- Hartford, T. (2021) *How to make the world add up*. The Bridge Street Press: **Good for:** any subject that uses statistics – Biology, Cancer Science, Earth Science, Ecosystems, Psychology
- Hossenfelder S. (2023) *Existential Physics: A Scientist's Guide to Life's Biggest Questions*. Atlantic Books. **Good for:** Physics
- Lavers, C. (2001) *Why Elephants have Big Ears: understanding patterns of life on Earth*. Phoenix. **Good for:** Biogeography/Ecosystems/Biology
- Parker, M. (2020) *Humble Pi*. Penguin. **Good for:** Maths
- Pinker, S (2015) *The Language Instinct: how the mind creates language*. Penguin. **Good for:** Psychology/Evolutionary Biology

Roberts, A. (2015) *The Incredible Unlikelihood of Being: evolution and the making of us*. London: Heron Books. **Good for:** Evolution/Biology

Roberts, N. (2014) *The Holocene: an environmental history*. Wiley Blackwell. **Good for:** Earth Science/Ecosystems/Environment/Archaeology

Rutherford, A. (2017) *A Brief History of Everyone Who Ever Lived*. W&N. **Good for:** Genetics

Sacks, O. (1999) *The Man Who Mistook His Wife for a Hat*. Picador: **Good for:** Psychology/Neuroscience

Saini, A. (2020) *Superior: the return of race science*. Fourth Estate. **Good for:** Genetics

Sapolsky, R.M. (2018) *Behave*. Vintage. **Good for:** Psychology

Skloot, R. (2010) *The Immortal Life of Henrietta Lacks*. Crown Publishers. **Good for:** Genetics/Molecular Biology

Stringer, C. (2007) *Homo Britannicus: the incredible story of human life in Britain*. Penguin. **Good for:** Archaeology

Toghill, P. (2000) *The Geology of Britain: an introduction*. Airlife. **Good for:** Earth Science/Environment

Wrangham, R.W. (2010) *Catching Fire: how cooking made us human*. Basic Books. **Good for:** Human Evolution

Zalasiewicz, J. (2012) *The Planet in a Pebble*. Oxford Landmark Science. **Good for:** Earth Science/Chemistry/Environment

Magazines and Periodicals

- [New Scientist](#)
- [Scientific American](#)
- [National Geographic](#)
- [Quanta Magazine](#)
- [ScienceNews](#)
- [Nature](#) – new section and opinions
- [Science](#) – news section and blogs
- [Chemistry World](#)
- [Physics World](#)
- [The Biologist](#)

Radio, Podcasts and Video

- [Bad Blood – Radio 4](#) – The Story of Eugenics
- [BBC Earth Podcast](#)
- [BBC Inside Science – Radio 4](#)
- [Houston We Have a Podcast](#)
- [Numberphile](#)
- [Periodic Table of Videos](#)
- [Quanta Podcast](#) – also available on Apple Radio
- [Quanta Magazine on YouTube](#)
- [Science\(ish\)](#) – also available on Apple Radio
- [Science, Quickly – Scientific American Podcast](#)
- [Sixty Symbols](#)
- [The Curious Cases of Rutherford and Fry – Radio 4](#)
- [The Infinite Monkey Cage – Radio 4](#)
- [The Life Scientific – Radio 4](#)
- [The Skeptics Guide to the Universe](#)
- [This Podcast Will Kill You](#)