KS3 Science – Recommended Reading

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| **Fiction** |
| Book Title | Author |
| Grinny (Puffin Books) | Fisk Nicholas |
| A Rag, a Bone and a Hank of Hair | Nicholas Fisk |
| Pig Heart Boy | Malorie Blackman |
| Hybrids  | David Thorpe |
| Hydra | Robert Swindells |
| Dr Franklin’s island | Ann Halam |
| 1984 | George Orwell |
| Childhood’s end | Arthur C Clarke |
| Ancillary Justice | Ann Leckie |
| Artemis Fowl | Eoin Colfer |
| The Maze Runner | James Dashner |
| Star wars: Ahsoka | E K Johnston |
| Journey to the centre of the Earth | Jules Verne |
| Max Einstein: The Genius Experiment | James Patterson |
| Only you can save mankind (Trilogy series) | Terry Pratchett |
| **Non-Fiction** |
| Book Title | Author |
| The Disappearing Spoon | Sam Kean |
| Periodic Tales- The Curious Lives of Elements | Hugh Aldersey-Williams |
| Why Don’t Penguins’ Feet Freeze? | New Scientist |
| The extraordinary life of Stephen Hawking | Kate Scott, Esther Mols |
| The Elements: A visual exploration of every atom in the universe | Theodore Gray & Nick Mann |
| Science Encyclopaedia | National geographic |
| The Horrible Science of You | Nick Arnold |
| Horrible Science Pack (17 books) | Nick Arnold |
| Scientists who Made History- Charles Darwin | Cath Senker |
| A Life Story- Katherine Johnson | Leila Rasheed |
| A Life Story- Rosalind Franklin | Michael Ford |
| Unlocking the Universe | Stephen Hawking & Lucy Hawking |
| All about Chemistry | Robert Winston |
| The element in the room | Mike Barfield |
| Life cycles: Everything from start to finish | DK, Sam Falconer |

KS4 Science – Recommended Reading

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| **Fiction** |
| Book Title | Author |
| Beetle Boy | M C Leonard |
| Time Travelling with a Hamster | Ross Wellford |
| Phoenix  | SF Said & Dave McKean |
| The Martian | Andy Weir |
| The Solitaire Mystery | Jostein Gaarder |
| The Hitchhiker’s Guide to the Galaxy | Douglas Adams |
| Coma | Robin Cook |
| The fifth science | Exurb1a |
| Dark Matter | Blake Crouch |
| Children of time | Adrian Tchaikovsky |
| Contagion | Robin Cook |
| Dune | Frank Herbert |
| **Non-Fiction** |
| Book Title | Author |
| Just Six Numbers | Martin Rees |
| Chaos Making a New Science | James Gleick |
| Wonders of the Universe | Brian Cox and Andrew Cohen |
| A Short History of Nearly Everything | Bill Bryson |
| The Body: A Guide for Occupants | Bill Bryson |
| The Knowledge: How to Rebuild Our World after Apocalypse | Lewis Dartnell |
| The Periodic Table | Primo Levi |
| If this is a Man: The Truce | Primo Levi |
| Creations of Fire: Chemistry’s Lively History from Alchemy to the Atomic Age | Cathy Cobb |
| Bad Science | Ben Goldacre |
| Secret Science: An Amazing World Beyond your Eyes | Dara O Briain |
| Wonders of the universe | Brian Cox |
| Our planet | Alstair Fothergill, Keith Scholey, Fred Pearce |
| The Dragons of Eden: Speculations on the evolution of human intelligence | Carl Sagan |
| Cosmos | Carl Sagan |
| Sapiens- A brief history of mankind | Yuval Noah Harari |
| What if?  | Randall Munroe |
| How to? | Randall Munroe |
| Science(ish)-The peculiar science behind the movies | Rick Edwards |

KS5 Science – Recommended Reading

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| **Biology** |
| Book Title | Author |
| The Selfish Gene | Richard Dawkins |
| This is Going to Hurt (Diary of a Junior Doctor) | Adam Kay |
| The Blind Watchmaker | Richard Dawkins |
| Introducing Epigenetics: A Graphic Guide | Cath Ennis |
| The Brain | Seymour Simon |
| A Crack in Creation: The New Power to Control Evolution | Jennifer Doudna |
| Medical Terminology: Easy Guide for Beginners | Adam Brown |
| **Chemistry** |
| Book Title | Author |
| What is Life? | Erwin Schrodinger |
| Superintelligence- Paths, Dangers, Strategies | Nick Bostrom |
| Why Chemical Reactions Happen? | James Keeler |
| Molecules At An Exhibition: Portraits of Intriguing Materials in Everyday Life | John Emsley |
| Nature’s Building Blocks | John Emsley |
| The Making of the Atomic Bomb | Richard Rhodes |
| What is Life? | Erwin Schrodinger |
| Unnatural causes | Dr Richard Shepherd |
| **Physics** |
| Book Title | Author |
| Brief Answers to the Big Questions | Stephen Hawking |
| Physics World - Topical Physics Themes | Institute of Physics |
| Quantum Physics For Dummies  | Steven Holzner |
| Astrophysics for People in a Hurry  | Neil deGrasse Tyson |
| Moondust in Search of the Men who Fell to Earth | Andrew Smith |
| Surely You're Joking Mr Feynman: Adventures of a Curious Character  | Ralph Leighton |
| Quantum Theory Cannot Hurt You: Understanding the Mind-Blowing Building Blocks of the Universe  | Marcus Chown |
| Thing Explainer: Complicated Stuff in Simple Words | Randall Munroe |
| Seven brief lessons on Physics | Carlo Rovelli |