

## Physics reading list



### **KS3**

Wonders of the Solar System – Brian Cox

Storm in a Teacup: The Physics of everyday Life – Helen Czerski

Astrophysics for Young People in a Hurry - Neil deGrasse Tyson

Beyond the Sky and the Universe- Dara O’Brian

The Physics Book: Big Ideas Simply Explained – Dorling Kindersley (publisher)

All about Physics – Richard Hammond

### **KS4**

A Short History of Nearly Everything – Bill Bryson

The Science of Can and Can’t: A Physicist’s Journey Through the Land of Counterfactuals -Chiara Marletto

Stuff Matters: Exploring the Marvelous Material that Shape Our Man-Made World -Mark Miodownik

Brief Answers to the Big Questions - Stephen Hawking

The Elegant Universe - Brian Greene

Black Hole Survival Guide- Janna Levin

Six Easy Pieces: Essentials Of Physics Explained - Richard P Feynman

Quantum Physics For Beginners- Jeremy Wooster

### **KS5**

Atom - Jim Al-Khalili

Longitude - Dava Sobel

Quantum - Manjit Kumar

Chaos: Making a New Science - James Gleik

Seventeen Equations That Changed the World - Ian Stewart

What We Cannot Know - Marcus de Sautoy

In Search of Schrödinger's Cat: Quantum Physics and Reality - John Gribben

Why Does  $E=mc^2$ ? (And Why Should We Care?) - Brian Cox and Jeff Forshaw

Just Six Numbers: The Deep Forces That Shape the Universe - Martin Rees

Physics and Philosophy: The Revolution in Modern Science - Werner Heisenberg