

## Physics Book List

<b>Title</b>	<b>Author</b>	<b>Published by</b>
A Beautiful Mind <i>A biography of John Nash, a mathematician</i>	Sylvia Nasar	Simon and Schuster
Black Holes, Wormholes and Time Machines <i>A good introduction to the subjects in the title</i>	Jim Al-Khalili	IoP
Catching Cold <i>An investigation into the flu epidemic that killed millions</i>	Pete Davies	Penguin
Chaos <i>You've seen it on Jurassic Park, here it is...</i>	James Gleik	Abacus
The Character of Physical Law <i>Brilliant (its by Feynman)</i>	Richard Feynman	Penguin
Clouds in a Glass of Beer <i>An excellent journey through atmospheric physics, with beer included.</i>	Craig F Bohren	Wiley
The Dancing Wu Li Masters <i>Believe it or not, particle physics</i>	Gary Zukav	Flamingo
Does God Play Dice? <i>Easy to read journey through maths stuff</i>	Ian Stewart	Penguin
The Elegant Universe <i>The best thing written about theories of everything, ever.</i>	Brian Greene	Vintage
The Emperor's New Mind <i>Excellent book about the brain and artificial intelligence</i>	Roger Penrose	Vintage
Fear of Physics <i>Now, now, don't be frightened...</i>	Lawrence Krauss	Jonathon Cape
Fermat's Last Theorem <i>Superb account of the solving of that equation</i>	Simon Singh	Fourth Estate
Feynman's Lost Lecture <i>How he did gravitation without the equations</i>	David & Judith Goodstein	Vintage
Five Biggest Ideas in Science <i>A brief introduction to the meaty stuff</i>	Charles Wynn & Arthur Wiggins	Wiley
Five Equations that Changed the World <i>As above</i>	Michael Guillen	Abacus
Genius <i>Brilliant account of the life of Richard Feynman</i>	James Gleik	Little, Brown & Co.
Godel, Escher, Bach: An Eternal Golden Braid <i>Maths, art and music that will blow your mind</i>	Douglas Hofstadter	Penguin
In search of the Big Bang <i>An up to date account of...</i>	John Gribbon	Penguin
Kinds of Minds <i>How does your mind work?</i>	Daniel Dennett	Science Masters
The Last Three Minutes <i>This really is the end...</i>	Paul Davies	Science Masters
Mendeleev's Dream <i>How he dreamt up the Periodic Table (no, really)</i>	Paul Strathern	Penguin
The Mind's I <i>More psychology really, a great collection of essays</i>	Daniel Dennett	Penguin
Nature's Numbers <i>How maths is found in everything we look at</i>	Ian Stewart	Science Masters

The New Science of Strong Materials <i>Or why you don't fall through the floor</i>	James Gordon	Pelican
The Odd Quantum <i>An intro to quantum mechanics</i>	Sam Tremain	Princeton
The Origin of the Universe <i>How did it all start</i>	John D. Barrow	Science Masters
The Periodic Kingdom <i>For chemistry folk...</i>	Peter Atkins	Science Masters
QED: The strange theory of light and matter <i>A brilliant intro in a very thin book</i>	Richard Feynman	Penguin
The Quantum Dot <i>How physics makes computers faster</i>	Richard Turton	Freeman
Schrodinger's Kittens <i>A sequel to the Cat (obviously)</i>	John Gribbon	Wiedenfeld & Nicholson
In Search of Schrodinger's Cat <i>The story of the cat in the box (quantum stuff)</i>	John Gribbon	Wiedenfeld & Nicholson
Six Easy Pieces <i>The great man sorts out the easy stuff...</i>	Richard Feynman	Penguin
Six Not-So-Easy Pieces <i>...and the not so easy stuff</i>	Richard Feynman	Penguin
Stardust <i>How you are made of the stuff inside stars</i>	John Gribbon	Penguin
Surely you must be joking, Mr. Feynman! <i>First part of the great man's autobiography...</i>	Richard Feynman	Unwin
Three Roads to Quantum Gravity <i>Excellent summary of how gravity and quantum mechanics might come together</i>	Lee Smolin	Science Masters
What do you care what other people think? <i>... second part of the great man's autobiography</i>	Richard Feynman	Unwin
Wrinkles in Time <i>The lumpy bits in the cosmic microwave background radiation</i>	George Smoot	Little, Brown & Co.