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Why Balloons Rise and Apples Fall The Laws That Make the World Work

Jeff Stewart

Keynote

From the big stuff (life, the universe and everything) to the small stuff (the mind-bending world of quantum physics), here is an accessible guide to the fascinating, awe-inspiring and sometimes downright weird world of physics.

Description

'Everything we do is touched by physics. Whether we're on the motorway, at the beach or in the pub, its laws tell us what happens in our world and why.'

From the big stuff (life, the universe and everything) to the small stuff (the mind-bending world of quantum physics), here is an accessible guide to the fascinating, awe-inspiring and sometimes downright weird world of physics.

Learn about why heavier things don't fall faster, why you have more energy when you're sitting upstairs, and why time slows down as you speed up, and consider such philosophical questions as whether you can be invisible, and what happened to Schrödinger's poor cat.

If you don't know your conduction from your convection, or your wormholes from your Ohm's law, this is the book for you.

Sales Points

- An accessible and entertaining look at the baffling world of physics, which is guaranteed to change the way you look at the world around you
- Written specifically for the layman, it covers everything from the basics of motion and forces, to the dizzy academic heights of quantum physics
- The perfect introduction to the physics that we see in the world around us every day

Reviews

- 'At just the right level for the beginner he runs us through all the classical physics that no one bothers with, yet is at the heart of everyday life' - *PopularScience.co.uk*

Author Biography

Jeff Stewart was born in Johannesburg, South Africa, and moved to England as a child. He graduated from Cambridge University and currently works as a journalist and web designer.