



The book was found

# Philosophy Of Science: Key Concepts



## Synopsis

Science has made a huge impact on human society over hundred years, but how does it work? How do scientists do the things they do? How do they come up with the theories? How do they test them? How do they use these theories to explain phenomena? How do they draw conclusions from them about how the world might be? Now updated, this second edition of *Philosophy of Science: Key Concepts* looks at each of these questions and more. Taking in turn the fundamental theories, processes and views lying at the heart of the philosophy of science, this engaging introduction illuminates the scientific practice and provides a better appreciation of how science actually works. It features:- Chapters on discovery, evidence, verification and falsification, realism and objectivity- Accessible overviews of work of key thinkers such as Galileo, Einstein and Mullis- A new chapter on explanation- An extended range of easy-to-follow and contemporary examples to help explain more technical ideas- Study exercises, an annotated bibliography and suggestions of Where to Go Next

Succinct and approachable, *Philosophy of Science: Key Concepts* outlines some of the most central and important scientific questions, problems and arguments without assuming prior knowledge of philosophy. This enjoyable introduction is the perfect starting point for anyone looking to understand how and why science has shaped and changed our view of the world.

## Book Information

Paperback: 240 pages

Publisher: Bloomsbury Academic; 2 edition (March 24, 2016)

Language: English

ISBN-10: 1474245234

ISBN-13: 978-1474245234

Product Dimensions: 5.5 x 17.5 x 8.6 inches

Shipping Weight: 8.5 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #372,350 in Books (See Top 100 in Books) #18 in Books > Politics & Social Sciences > Philosophy > Analytic Philosophy #2129 in Books > Science & Math > History & Philosophy #3280 in Books > Textbooks > Humanities > Philosophy

## Customer Reviews

If philosophy of science baffles you, this book offers the key to unlock its mysteries. Written by a leading scholar in the field, it provides a superb introduction to core topics ranging from scientific discovery to gender bias. This book is a must-read for anyone interested in philosophical issues

relating to scientific knowledge. (Roman Frigg, Professor in Philosophy, London School of Economics and Political Science, UK 2015-07-26) *Philosophy of Science: Key Concepts* is a lively, engaging and comprehensive introduction to philosophy of science, written by one of its best contemporary practitioners. Steven French explains the mechanics of science by focusing on episodes from past and current scientific practice. He weaves the web of the major concepts that constitute the tools of the philosophical understanding of science and unravels their rich content. This book is like no other introduction I have read in making a complex conceptual terrain accessible to, and viable for, the uninitiated. A masterly achievement. (Stathis Psillos, University of Athens & Rotman Institute of Philosophy, UWO, Greece 2015-07-20) This is a wonderful book. It engages students with an infectious enthusiasm for science and philosophy, built on provocative examples, fascinating history, patient explanations, and no small amount of good humor. French has a terrific knack for unpacking challenging ideas in an intuitive way, without jargon, and yet rigorously. (Anjan Chakravartty, Professor of Philosophy, University of Notre Dame, USA 2015-09-11)

A succinct and engaging introduction for anyone looking to understand how and why science has shaped and changed our view of the world.

[Download to continue reading...](#)

Nora Roberts Key Trilogy CD Collection: Key of Light, Key of Knowledge, Key of Valor Manifesto for Philosophy: Followed by Two Essays: "the (Re)Turn of Philosophy Itself" and "Definition of Philosophy" (Suny Series, Intersections, Philosophy and Critical Theory) *Philosophy of Science: Key Concepts* Musicology: The Key Concepts (Routledge Key Guides) Key to Fractions, Book 1: Fraction Concepts (KEY TO...WORKBOOKS) Cinema Studies: The Key Concepts (Routledge Key Guides) Television Studies: The Key Concepts (Routledge Key Guides) Physical Geography: The Key Concepts (Routledge Key Guides) Persons and Personal Identity (Key Concepts in Philosophy) The Scientist's Atom and the Philosopher's Stone: How Science Succeeded and Philosophy Failed to Gain Knowledge of Atoms (Boston Studies in the Philosophy and History of Science) Living with the Earth, Third Edition: Concepts in Environmental Health Science (Living with the Earth: Concepts in Environmental Health Science) Chirelstein's Federal Income Taxation: A Law Student's Guide to the Leading Cases and Concepts (Concepts and Insights) (Concepts and Insights Series) *Philosophy of Science: A New Introduction* (Fundamentals of Philosophy Series) A Naturalistic Introduction to Philosophy: An Understanding of the Discipline of Naturalistic Studies and its Relationship with Philosophy, Naturalism, and Science Methodological Aspects of the Development

of Low Temperature Physics 1881â “1956: Concepts Out of Context(s) (Science and Philosophy)  
Philosophy of Science for Nursing Practice, Second Edition: Concepts and Application Florida Keys  
Paddling Guide: From Key Largo to Key West Fodor’s In Focus Florida Keys: with Key West,  
Marathon & Key Largo (Travel Guide) The Florida Keys Bucket List: 100 Offbeat Adventures From  
Key Largo To Key West Key West: Tequila, a Pinch of Salt and a Quirky Slice of America...a year in  
Key West

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)