

# Scientific Revolutions Primary Texts In The History Of Science V 1

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Intellectual Curiosity and the Scientific Revolution  
Sources in the History of Medicine

The Discovery of Oxygen

On the Revolutions of Heavenly Spheres

For courses in the history of medicine. This reader gives

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students in a history of medicine class, or the general reading public, a broad selection of readings about the many ways that disease and trauma have affected human populations over time. It draws from both primary and secondary sources to give a dual perspective of a) what was written at the time of various events, and b) what modern scholars have been able to ascertain from historical evidence. It has a broad scope both in time and space, covering materials from earliest Man to contemporary bioethical problems, and contains materials from India, China, Latin America, and the Muslim worlds as well as Europe and the United States. Rather than simply looking at great medical discoveries, it is purposely focused on how trauma and disease have been daily companions of human existence. It fills a serious void in teaching materials in the history of medicine by taking a world perspective, using a combination of primary and secondary sources, covering a huge time span and putting emphasis on the problems created by medical progress, and most importantly, focusing on the effect that medical practices have had on ordinary people throughout history.

## Black-Body Theory and the Quantum Discontinuity, 1894-1912

Traces the story of the enigmatic scientist while revealing how he was able to make his pivotal discovery about how the earth revolves around the sun in spite of limited technology and the obscure belief systems of his contemporaries, in an account that traces the crucial role played by Copernicus's associate, Georg Joachim Rheticus. 35,000 first printing.

## Current Catalog

## Revolution in Science

### Why Our Children Can't Read, and what We Can Do about it

How does science work? Does it tell us what the world is "really" like? What makes it different from other ways of understanding the universe? In *Theory and Reality*, Peter Godfrey-Smith addresses these questions by taking the reader on a grand tour of one hundred years of debate about science. The result is a completely accessible introduction to the main themes of the philosophy of science. Intended for undergraduates and general readers with no prior background in philosophy, *Theory and Reality* covers logical positivism; the problems of induction and confirmation; Karl Popper's theory of science; Thomas Kuhn and "scientific revolutions"; the views of Imre Lakatos, Larry Laudan, and Paul Feyerabend; and challenges to the field from sociology of science, feminism, and science studies. The book then looks in more detail at some specific problems and theories, including scientific realism, the theory-ladenness of observation, scientific explanation, and Bayesianism. Finally, Godfrey-Smith defends a form of philosophical naturalism as the best way to solve the main problems in the field. Throughout the text he points out connections between philosophical debates and wider discussions about science in recent decades, such as the infamous "science wars." Examples and asides engage the beginning student; a glossary of terms explains key concepts; and suggestions for further reading are included at the end of each chapter. However, this is a textbook that doesn't feel like a textbook because it captures the historical drama of changes in how

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science has been conceived over the last one hundred years. Like no other text in this field, *Theory and Reality* combines a survey of recent history of the philosophy of science with current key debates in language that any beginning scholar or critical reader can follow.

## Reproducibility and Replicability in Science

“Demonstrates an awesome command of the vast Galileo literature . . . [Wootton] excels in boldly speculating about Galileo’s motives” (The New York Times Book Review). Tackling Galileo as astronomer, engineer, and author, David Wootton places him at the center of Renaissance culture. He traces Galileo through his early rebellious years; the beginnings of his scientific career constructing a “new physics”; his move to Florence seeking money, status, and greater freedom to attack intellectual orthodoxies; his trial for heresy and narrow escape from torture; and his house arrest and physical (though not intellectual) decline. Wootton also reveals much that is new—from Galileo’s premature Copernicanism to a previously unrecognized illegitimate daughter—and, controversially, rejects the long-established belief that Galileo was a good Catholic. Absolutely central to Galileo’s significance—and to science more broadly—is the telescope, the potential of which Galileo was the first to grasp. Wootton makes clear that it totally revolutionized and galvanized scientific endeavor to discover new and previously unimagined facts. Drawing extensively on Galileo’s voluminous letters, many of which were self-censored and sly, this is an original, arresting, and highly readable biography of a difficult, remarkable Renaissance genius. Selected as a Choice Outstanding Academic Title in the Astronautics and Astronomy Category “Fascinating reading . .

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. With this highly adventurous portrayal of Galileo's inner world, Wootton assures himself a high rank among the most radical recent Galileo interpreters . . . Undoubtedly Wootton makes an important contribution to Galileo scholarship." —America magazine "Wootton's biography . . . is engagingly written and offers fresh insights into Galileo's intellectual development." —Standpoint magazine

## Regents Exams and Answers: Global History and Geography 2020

This is a concise but wide-ranging account of all aspects of the Scientific Revolution from astronomy to zoology. The third edition has been thoroughly updated, and some sections revised and extended, to take into account the latest scholarship and research and new developments in historiography.

## The Scientific Revolution

This eye-opening look at the intellectual culture of today--in which science, not literature or philosophy, takes center stage in the debate over human nature and the nature of the universe--is certain to spark fervent intellectual debate.

## The Science Book

Since the time of Aristotle, the making of knowledge and the making of objects have generally been considered separate enterprises. Yet during the late sixteenth and early seventeenth centuries, the two became linked through a "new" philosophy known as science. In *The Body of the Artisan*, Pamela H. Smith demonstrates how much early

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modern science owed to an unlikely source-artists and artisans. From goldsmiths to locksmiths and from carpenters to painters, artists and artisans were much sought after by the new scientists for their intimate, hands-on knowledge of natural materials and the ability to manipulate them. Drawing on a fascinating array of new evidence from northern Europe including artisans' objects and their writings, Smith shows how artisans saw all knowledge as rooted in matter and nature. With nearly two hundred images, *The Body of the Artisan* provides astonishingly vivid examples of this Renaissance synergy among art, craft, and science, and recovers a forgotten episode of the Scientific Revolution-an episode that forever altered the way we see the natural world.

## Theory and Reality

In *The Age of Milton and the Scientific Revolution*, Angelica Duran reveals the way in which Milton's works interacted with the revolutionary work of his contemporaries in science to participate in the dynamic "advancement of learning" of the time period. Bringing together primary materials by early modern scientists, including Robert Boyle, William Gilbert, William Harvey, Isaac Newton, John Ray, and John Wilkins as well as educational reformers such as Samuel Hartlib and Henry Oldenburg, *The Age of Milton and the Scientific Revolution* positions Milton's *Literary Studies* as a coequal partner with the new cosmological theories, mathematical developments, telescopes, and scientific tracts that so thoroughly affected every aspect of recorded life in seventeenth century England. Duran shows, for example, how new developments in ornithology worked to shape the Lady's power in the young Milton's celebratory *A Mask*, how mathematics informed the sexual relationship of Adam and

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Eve in his mature epic *Paradise Lost*, and how developments in optics transformed the blinded hero of the blind author's moving tragedy *Samson Agonistes*. While this study is indebted to the work of historians of science from C. P. Snow and Thomas Kuhn to Stephen Shapin and Stephen Jay Gould it is not a history of science per se, but rather a cultural study that appreciates poetry as a unique lens through which early modern England's large-scale developments in education and science are clarified and reflected. What emerges is an intimate sense of how the enormous changes of the English Scientific Revolution affected individual lives and found their ways into Milton's enduring poetry and prose.

## Third Culture

## The Body of the Artisan

Analyzes the problems and consequences of the lack of communication between scientists and non-scientists in the modern world

## Sapiens

First multi-year cumulation covers six years: 1965-70.

## Science in Europe, 1500-1800, A Primary Sources Reader

Discover 80 trail-blazing scientific ideas, which underpin our modern world, giving us everything from antibiotics to gene therapy, electricity to space rockets and batteries to smart phones. What is string theory or black holes? And who

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discovered gravity and radiation? The Science Book presents the fascinating story behind these and other of the world's most important concepts in maths, chemistry, physics and biology in plain English, with easy to grasp "mind maps" and eye-catching artworks. Albert Einstein once quoted Isaac Newton: "If I have seen further than others, it is by standing on the shoulders of giants." Follow context panels in The Science Book to trace how one scientist's ideas informed the next. See, for example, how Alan Turing's "universal computing machine" in the 1940s led to smart phones, or how Carl Linnaeus's classifications led to Darwin's theory of evolution, the sequencing of the human genome and lifesaving gene therapies. Part of the popular Big Ideas series, The Science Book is the perfect way to explore this fascinating subject. Series Overview: Big Ideas Simply Explained series uses creative design and innovative graphics along with straightforward and engaging writing to make complex subjects easier to understand. With over 7 million copies worldwide sold to date, these award-winning books provide just the information needed for students, families, or anyone interested in concise, thought-provoking refreshers on a single subject.

## Science in the Scientific Revolution

The Ptolemaic system of the universe, with the earth at the center, had held sway since antiquity as authoritative in philosophy, science, and church teaching. Following his observations of the heavenly bodies, Nicolaus Copernicus (1473-1543) abandoned the geocentric system for a heliocentric model, with the sun at the center. His remarkable work, *On the Revolutions of Heavenly Spheres*, stands as one of the greatest intellectual revolutions of all time, and

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profoundly influenced, among others, Galileo and Sir Isaac Newton.

## The Road Since Structure

Discover what caused the American Revolution in this stimulating nonfiction book. With its easy to read text and vivid images, readers are sure to be engaged as they learn about problems colonists faced, including the Stamp Act, the Townshend Act, and Intolerable Acts. The fascinating facts and intriguing sidebars further explore the reasoning behind such documents as the First Continental Congress, Declaration of Rights and Grievances, Thomas Paine's Common Sense, and the Declaration of Independence. To aid in better understanding of the content and vocabulary, a useful table of contents and glossary are provided.

## The Death of Nature

A companion to such acclaimed works as *The Age of Wonder*, *A Clockwork Universe*, and *Darwin's Ghosts*—a groundbreaking examination of the greatest event in history, the Scientific Revolution, and how it came to change the way we understand ourselves and our world. We live in a world transformed by scientific discovery. Yet today, science and its practitioners have come under political attack. In this fascinating history spanning continents and centuries, historian David Wootton offers a lively defense of science, revealing why the Scientific Revolution was truly the greatest event in our history. *The Invention of Science* goes back five hundred years in time to chronicle this crucial transformation, exploring the factors that led to its birth and the people who made it happen. Wootton argues that the Scientific

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Revolution was actually five separate yet concurrent events that developed independently, but came to intersect and create a new worldview. Here are the brilliant iconoclasts—Galileo, Copernicus, Brahe, Newton, and many more curious minds from across Europe—whose studies of the natural world challenged centuries of religious orthodoxy and ingrained superstition. From gunpowder technology, the discovery of the new world, movable type printing, perspective painting, and the telescope to the practice of conducting experiments, the laws of nature, and the concept of the fact, Wotton shows how these discoveries codified into a social construct and a system of knowledge. Ultimately, he makes clear the link between scientific discovery and the rise of industrialization—and the birth of the modern world we know.

## The Scientific Revolution

Published in 1962, Kuhn's "The Structure of Scientific Revolutions" is one of the most important works of the 20th century. When he died, Kuhn left an unfinished sequel and a group of essays written since 1970. "The Road since Structure" includes these essays, along with Kuhn's replies to criticism and an interview with Kuhn before his death in 1996. Photos.

## Copernicus' Secret

"A masterly assessment of the way the idea of quanta of radiation became part of 20th-century physics. . . . The book not only deals with a topic of importance and interest to all scientists, but is also a polished literary work, described (accurately) by one of its original reviewers as a scientific

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detective story."—John Gribbin, *New Scientist* "Every scientist should have this book."—Paul Davies, *New Scientist*

## The Structure of Scientific Revolutions

Drawing on startling new evidence from the mapping of the genome, an explosive new account of the genetic basis of race and its role in the human story Fewer ideas have been more toxic or harmful than the idea of the biological reality of race, and with it the idea that humans of different races are biologically different from one another. For this understandable reason, the idea has been banished from polite academic conversation. Arguing that race is more than just a social construct can get a scholar run out of town, or at least off campus, on a rail. Human evolution, the consensus view insists, ended in prehistory. Inconveniently, as Nicholas Wade argues in *A Troublesome Inheritance*, the consensus view cannot be right. And in fact, we know that populations have changed in the past few thousand years—to be lactose tolerant, for example, and to survive at high altitudes. Race is not a bright-line distinction; by definition it means that the more human populations are kept apart, the more they evolve their own distinct traits under the selective pressure known as Darwinian evolution. For many thousands of years, most human populations stayed where they were and grew distinct, not just in outward appearance but in deeper senses as well. Wade, the longtime journalist covering genetic advances for *The New York Times*, draws widely on the work of scientists who have made crucial breakthroughs in establishing the reality of recent human evolution. The most provocative claims in this book involve the genetic basis of human social habits. What we might call middle-class social traits—thrift, docility, nonviolence—have been slowly but surely inculcated

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genetically within agrarian societies, Wade argues. These “values” obviously had a strong cultural component, but Wade points to evidence that agrarian societies evolved away from hunter-gatherer societies in some crucial respects. Also controversial are his findings regarding the genetic basis of traits we associate with intelligence, such as literacy and numeracy, in certain ethnic populations, including the Chinese and Ashkenazi Jews. Wade believes deeply in the fundamental equality of all human peoples. He also believes that science is best served by pursuing the truth without fear, and if his mission to arrive at a coherent summa of what the new genetic science does and does not tell us about race and human history leads straight into a minefield, then so be it. This will not be the last word on the subject, but it will begin a powerful and overdue conversation. From the Trade Paperback edition.

## The Invention of Science

The first book to portray the birth of naval architecture as an integral part of the Scientific Revolution, examining its development and application across the major shipbuilding nations of Europe.

## Causes of the Revolution

One of the pathways by which the scientific community confirms the validity of a new scientific discovery is by repeating the research that produced it. When a scientific effort fails to independently confirm the computations or results of a previous study, some fear that it may be a symptom of a lack of rigor in science, while others argue that such an observed inconsistency can be an important

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precursor to new discovery. Concerns about reproducibility and replicability have been expressed in both scientific and popular media. As these concerns came to light, Congress requested that the National Academies of Sciences, Engineering, and Medicine conduct a study to assess the extent of issues related to reproducibility and replicability and to offer recommendations for improving rigor and transparency in scientific research. Reproducibility and Replicability in Science defines reproducibility and replicability and examines the factors that may lead to non-reproducibility and non-replicability in research. Unlike the typical expectation of reproducibility between two computations, expectations about replicability are more nuanced, and in some cases a lack of replicability can aid the process of scientific discovery. This report provides recommendations to researchers, academic institutions, journals, and funders on steps they can take to improve reproducibility and replicability in science.

## Genesis and Development of a Scientific Fact

## The Scientific Revolution and the Origins of Modern Science

Barron's Regents Exams and Answers: Global History and Geography 2020 provides essential practice for students taking either the Global History and Geography "Transition Exam" or the "Global History and Geography II Exam", including actual recently administered "Transition Exams", thorough answer explanations, and an online access to an overview of the "Global History and Geography II Exam." This book features: Four actual, recently administered Regents

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Global History and Geography “Transition Exams” so students can get familiar with the test Thorough explanations for all answers Self-analysis charts and Regents specifications grids to help identify strengths and weaknesses A detailed overview of the “Transition Exam” Test-taking tips and helpful hints for answering all question types on the “Transition Exam” A thorough glossary that covers all important terms, international organizations, agreements, and people from 1750 to the present A webpage that contains an overview of the “Global History and Geography II Exam” and answers to frequently asked questions about that version of the exam Looking for additional practice and review? Check out Barron’s Regents Global History and Geography Power Pack 2020 two-volume set, which includes Let’s Review Regents: Global History and Geography in addition to Regents Exams and Answers: Global History and Geography.

## Ships and Science

Seventeenth-century Europe witnessed an extraordinary flowering of discoveries and innovations. This study, beginning with the Dutch-invented telescope of 1608, casts Galileo's discoveries into a global framework. Although the telescope was soon transmitted to China, Mughal India, and the Ottoman Empire, those civilizations did not respond as Europeans did to the new instrument. In Europe, there was an extraordinary burst of innovations in microscopy, human anatomy, optics, pneumatics, electrical studies, and the science of mechanics. Nearly all of those aided the emergence of Newton's revolutionary grand synthesis, which unified terrestrial and celestial physics under the law of universal gravitation. That achievement had immense implications for all aspects of modern science, technology,

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and economic development. The economic implications are set out in the concluding epilogue. All these unique developments suggest why the West experienced a singular scientific and economic ascendancy of at least four centuries.

## The Two Cultures

Cohen's exploration seeks to uncover nothing less than the nature of all scientific revolutions, the stages by which they occur, their time scale, specific criteria for determining whether or not there has been a revolution, and the creative factors in producing a revolutionary new idea.

## Scientific Revolutions

The sociological dimension of science is studied using the discovery of the Wasserman reaction and its accidental application as a test for syphilis as a basis, and examining the role of cultural conditioning and error in scientific discovery

## The Sceptical Chymist

The #1 New York Times – bestselling author of *A Discovery of Witches* examines the real-life history of the scientific community of Elizabethan London. Travel to the streets, shops, back alleys, and gardens of Elizabethan London, where a boisterous and diverse group of men and women shared a keen interest in the study of nature. These assorted merchants, gardeners, barber-surgeons, midwives, instrument makers, mathematics teachers, engineers, alchemists, and other experimenters formed a patchwork scientific community whose practices set the stage for the Scientific Revolution. While Francis Bacon has been widely

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regarded as the father of modern science, scores of his London contemporaries also deserve a share in this distinction. It was their collaborative, yet often contentious, ethos that helped to develop the ideals of modern scientific research. The book examines six particularly fascinating episodes of scientific inquiry and dispute in sixteenth-century London, bringing to life the individuals involved and the challenges they faced. These men and women experimented and invented, argued and competed, waged wars in the press, and struggled to understand the complexities of the natural world. Together their stories illuminate the blind alleys and surprising twists and turns taken as medieval philosophy gave way to the empirical, experimental culture that became a hallmark of the Scientific Revolution. “Elegant and erudite.” —Anthony Grafton, *American Scientist* “A truly wonderful book, deeply researched, full of original material, and exhilarating to read.” —John Carey, *Sunday Times* “Widely accessible.” —Ian Archer, *Oxford University* “Vivid, compelling, and panoramic, this revelatory work will force us to revise everything we thought we knew about Renaissance science.” —Adrian Johns, author of *The Nature Book*

## The Age of Milton and the Scientific Revolution

Greece sits at the center of a geopolitical storm that threatens the stability of the European Union. To comprehend how this small country precipitated such an outsized crisis, it is necessary to understand how Greece developed into a nation in the first place. *Enlightenment and Revolution* identifies the ideological traditions that shaped a religious community of Greek-speaking people into a modern nation-state--albeit one in which antiliberal forces have exacted a high price. Paschalis Kitromilides takes in the vast sweep of the Greek

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Enlightenment in the eighteenth and nineteenth centuries, assessing developments such as the translation of modern authors into Greek; the scientific revolution; the rediscovery of the civilization of classical Greece; and a powerful countermovement. He shows how Greek thinkers such as Voulgaris and Korais converged with currents of the European Enlightenment, and demonstrates how the Enlightenment's confrontation with Church-sanctioned ideologies shaped present-day Greece. When the nation-state emerged from a decade-long revolutionary struggle against the Ottoman Empire in the early nineteenth century, the dream of a free Greek polity was soon overshadowed by a romanticized nationalist and authoritarian vision. The failure to create a modern liberal state at that decisive moment is at the root of Greece's recent troubles.

## Science for the People

New York Times Bestseller A Summer Reading Pick for President Barack Obama, Bill Gates, and Mark Zuckerberg From a renowned historian comes a groundbreaking narrative of humanity's creation and evolution—a #1 international bestseller—that explores the ways in which biology and history have defined us and enhanced our understanding of what it means to be “human.” One hundred thousand years ago, at least six different species of humans inhabited Earth. Yet today there is only one—homo sapiens. What happened to the others? And what may happen to us? Most books about the history of humanity pursue either a historical or a biological approach, but Dr. Yuval Noah Harari breaks the mold with this highly original book that begins about 70,000 years ago with the appearance of modern cognition. From examining the role evolving humans have played in the global

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ecosystem to charting the rise of empires, *Sapiens* integrates history and science to reconsider accepted narratives, connect past developments with contemporary concerns, and examine specific events within the context of larger ideas. Dr. Harari also compels us to look ahead, because over the last few decades humans have begun to bend laws of natural selection that have governed life for the past four billion years. We are acquiring the ability to design not only the world around us, but also ourselves. Where is this leading us, and what do we want to become? Featuring 27 photographs, 6 maps, and 25 illustrations/diagrams, this provocative and insightful work is sure to spark debate and is essential reading for aficionados of Jared Diamond, James Gleick, Matt Ridley, Robert Wright, and Sharon Moalem.

## A Troublesome Inheritance

A neuropsychologist shows how outmoded methods for teaching reading have resulted in plummeting literacy levels and offers a new program, based on careful research, that teaches any child--including those with attention deficits--to read well. 35,000 first printing. Tour.

## A People's History of Science

For the first time, this book compiles original documents from *Science for the People*, the most important radical science movement in U.S. history. Between 1969 and 1989, *Science for the People* mobilized American scientists, teachers, and students to practice a socially and economically just science, rather than one that served militarism and corporate profits. Through research, writing, protest, and organizing, members sought to demystify scientific knowledge and embolden "the

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people" to take science and technology into their own hands. The movement's numerous publications were crucial to the formation of science and technology studies, challenging mainstream understandings of science as "neutral" and instead showing it as inherently political. Its members, some at prominent universities, became models for politically engaged science and scholarship by using their knowledge to challenge, rather than uphold, the social, political, and economic status quo. Highlighting Science for the People's activism and intellectual interventions in a range of areas -- including militarism, race, gender, medicine, agriculture, energy, and global affairs -- this volume offers vital contributions to today's debates on science, justice, democracy, sustainability, and political power.

## Galileo

This 1661 classic defines the term "element" and asserts that all natural phenomena can be explained by the motion and organization of primary particles. 1911 edition.

## Enlightenment and Revolution

### The Essential Tension

This study provides a brief survey and accessible guide to the most important aspects of the Scientific Revolution. As well as considering the development of the mathematical and experimental approaches to an understanding of the natural world, it looks at the crucial role of magical traditions in the origins of modern science and the importance of the Christian world-view in the shaping of the scientific endeavour. Written

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with the non-scientist in mind, it does not dwell on technical details but seeks to show the social, cultural, and intellectual factors which shaped the development of science in its formative stage and prepared the way for the predominance of science in modern Western culture. Taking account of the latest developments in our understanding of this vital aspect of European history, it is also a useful guide to more detailed literature for students and other interested readers.

## The Jewel House

An examination of the Scientific Revolution that shows how the mechanistic world view of modern science has sanctioned the exploitation of nature, unrestrained commercial expansion, and a new socioeconomic order that subordinates women.

## The Scientific Revolution and the Origins of Modern Science

We all know the history of science that we learned from grade school textbooks: How Galileo used his telescope to show that the earth was not the center of the universe; how Newton divined gravity from the falling apple; how Einstein unlocked the mysteries of time and space with a simple equation. This history is made up of long periods of ignorance and confusion, punctuated once an age by a brilliant thinker who puts it all together. These few tower over the ordinary mass of people, and in the traditional account, it is to them that we owe science in its entirety. This belief is wrong. A People's History of Science shows how ordinary people participate in creating science and have done so throughout history. It documents how the development of science has affected

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ordinary people, and how ordinary people perceived that development. It would be wrong to claim that the formulation of quantum theory or the structure of DNA can be credited directly to artisans or peasants, but if modern science is likened to a skyscraper, then those twentieth-century triumphs are the sophisticated filigrees at its pinnacle that are supported by the massive foundation created by the rest of us.

## Intellectual Curiosity and the Scientific Revolution

An introduction to a large and complicated subject, which has come to be called the Scientific Revolution, this book refers to the fundamental changes in our understanding of the natural world that occurred in the sixteenth and seventeenth centuries. These changes led to a rejection of ancient and medieval thinking about the universe in favor of the new thinking that gave birth to modern science. Professor Jacob does not pretend to tell the whole story of this momentous transformation, which is perhaps more important than any other in modern history. But he does highlight and survey what are often considered to be the six principal developments associated with this shift from old to new science. The six changes are: first, the abandonment of an ancient Greek picture of an earth-centered universe and its replacement by the modern picture of a solar system surrounded by an enormous universe; second, the gradual rejection of the Aristotelian binary physics in favor of the modern physics of universal forces; third, a medical revolution that culminated in the discovery of the circulation of the blood, and put animal (and human) physiology on a new foundation; fourth, the shift from an Aristotelian theory of knowledge to a modern skepticism; fifth, the development of new methods for

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establishing scientific certainty; and, finally, the founding of the world's first national, government-sponsored scientific societies for promoting research, spreading scientific knowledge, and stimulating inquiry.

## Sources in the History of Medicine

This innovative introduction to the Scientific Revolution features more than 80 foundational documents that chronicle the emergence of organized science. From Copernicus to the chemical revolution, the writings explore such topics as the conceptual bases of science, religion, politics, and the structure of science in every corner of Europe. The documents include letters, speeches, and theoretical treatises works by Aristotle, Galen, Kepler, Galileo, Newton, Bacon, Harvey, Boyle, and others.

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