



Science

Subject Bibliography Seeley Memorial Library

Science and Earth History: The Evolution/Creation Controversy /
Strahler, Arthur N. 231.7652 S996S 1999.

This book assesses the attempts of fundamentalist Christians to blend science and religion into a coherent view of the universe, called "creation science." The author, an emeritus professor of geomorphology at Columbia University, examines evidence from astronomy to zoology, and shows that creation science does not meet the criteria of the scientific enterprise.

Laboratory of Justice: The Supreme Court's 200-Year Struggle to
Integrate Science and the Law / Faigman, David L. 347.7326 F15L
2004.

Faigman, a professor at the University of California-Hastings College of the Law, examines the intersection of law and science in the constitutional rulings of the Supreme Court.

On the Shoulders of Giants / Hawking, Stephen 509.2 H392O 2002.
In translation from the original Latin, Italian, or German, the revolutionary scientific writings of Copernicus, Kepler, Galileo, Newton, and Einstein are here gathered into one monumental book.

The Elegant Universe / Greene, Brian 539.7 G799E 1999.
Relates the scientific story and the human struggle behind the search for the string theory--the ultimate theory which scientists believe is capable of describing all physical phenomena, large and small; and discusses how the theory is impacting human understanding of space and time.

Global Warming/Understanding the Forecast / Archer, David
551.6 A671G 2007.
Examining the greenhouse effect, the carbon cycle, and what the future may hold for global climate, this text draws from a wide range of disciplines, and summarizes not only scientific evidence, but also economic and policy issues related to global warming.

Human Genetic Engineering / Shanks, Pete 616.0275 S528H 2005.
Explains in accessible language for a popular audience the essential questions that will arise in the future debates: What is human GE? Will it work? What perspectives should we remember? Who is doing what, and why?

Leonardo's Laptop / Shneiderman, Ben QA 76.S5145 S558L 2002.
Shneiderman proposes Leonardo da Vinci as an inspirational muse for the "new computing." He wonders how Leonardo would use a laptop and what applications he would create.

**VGM's Handbook of Scientific and Technical Careers / R 331.7 VGM
1992.**

Contains concise descriptions of 50 popular careers in science and technology, arranged alphabetically.

Van Nostrand's Scientific Encyclopedia / R 503 V26S6 1976.
Containing over 7,000 entries, this volume offers information on the terms, principles, and theories of the physical, earth and space, biological, medical, materials, and environmental sciences, and the fields of engineering, energy technology, pure and applied mathematics, and statistics.

**The Oxford Dictionary of Biochemistry and Molecular Biology /
R 574.192 O98O 1997.**

Provides a comprehensive survey of biochemistry and molecular biology in over 17,000 main entries.

The Ascent of Man / Bronowski, J. VID 501 B869A 1973.
The series peels back layers of history, invention, science and archaeology to investigate the 'great paradox of the human species'... this 13-title series withstands the test of time and is an excellent resource for high-school and college students.

College Algebra in Simplest Terms / VID 512 C69C 1991.
Algebra's role in daily life is demonstrated with the use of symbols, charts, pictures, and state-of-the-art computer graphics.

The Trials of Life / VID 591.51 A883T 1991.
Winner of the Best Documentary Series award from BAFTA, this series uses advanced technology to reveal new discoveries of how animals meet the test of survival. Each episode shows a different stage in life, and the problems every animal must face in the course of passing on their genes to the next generation.

Science News magazines.
This weekly newsmagazine covers the most important research in all fields of science. Published since 1922, the magazine reaches about 1.2 million scientists and general readers.

Scientific American magazines.
Authoritative articles on all sciences by scientists who do the research reported. Features science and the citizen, computer reactions, the amateur scientists, reviews of current books in science and bibliographies.