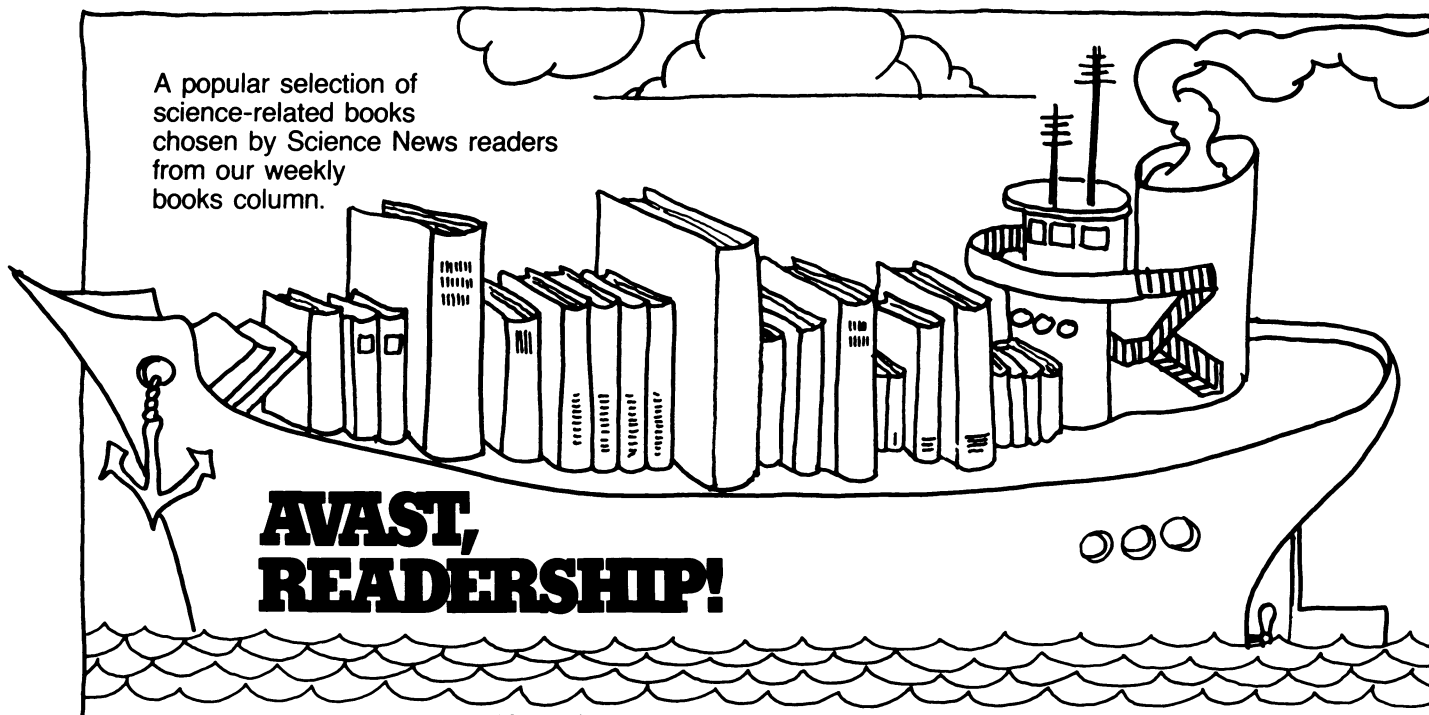


A popular selection of science-related books chosen by Science News readers from our weekly books column.



AVAST, READERSHIP!

ADVENTURES OF A MATHEMATICIAN—S. M. Ulam—Scribner, 1976, 328 p., photographs, drawings, \$14.95. Autobiographical reminiscences going back to childhood and student days in Poland, working years at Princeton and Harvard, life among the physicists at Los Alamos during the war, and more recent reflections on mathematics, mathematicians and physicists. [1]

ASIMOV ON PHYSICS—Isaac Asimov—Doubleday, 1976, 218 p., photographs, \$9.95. Conceptually arranged selection of out-of-print articles, ranging from one on thin air to an essay on the certainty of uncertainty. [2]

AT A JOURNAL WORKSHOP: The Basic text and guide for using the Intensive Journal—Ira Progoff—Dialogue Hse, 1975, 320 p., \$12.50. Teaches the use of profound, self-integrating diary feedback techniques—a creative way of working beyond analysis to remove inhibitions and blockages and clear the way for the next step in life. [3]

DR. FINNESON ON LOW BACK PAIN—Bernard E. Finneson, M.D. and Arthur S. Freese—Putnam, 1975, 254 p., drawings, \$7.95. Neurosurgeon provides full discussion of the human back, and what brings about low back dysfunction; discusses each back problem and evaluates each of the various methods of treatment. Up to date and readable. [4]

ELECTRONIC MUSIC CIRCUIT GUIDEBOOK—Brice Ward—TAB Bks, 1975, 223 p., diagrams, \$9.95; paper, \$6.95. Practical working circuits, from simple wind and surf simulators to complete music synthesizers and sequencers. [5]

FORECASTS, FAMINES AND FREEZES: Climate and Man's Future—John Gribbin—Walker, 1976, 140 p., diagrams, \$8.95. The former geophysics editor of *NATURE* examines the global dimensions of climatic change, shows how the climate is changing and why, and describes research done in the application of forecasting techniques. [6]

THE HOT-BLOODED DINOSAURS: A Revolution in Paleontology—Adrian J. Desmond—Dial, 1976, 238 p., 65 illus., diagrams, \$12.95. A thoroughly researched historical-analytical survey, revises many outdated ideas concerning the form, structure and ways of life of the successful and complex order Dinosauria that dominated the earth for some 140 million years. Glossary, notes, bibliography and detailed index. [7]

IMMUNITY: How Our Bodies Resist Disease—Joan Arehart-Treichel—Holiday, 1976, 160 p., photographs, drawings, \$6.95. Addressing the young adult, book tells what research has discovered about the immune system, B and T cells, embryos and antibodies, macrophages, transfer factor, organ transplants, and viral vaccines. [8]

IMPROVING YOUR MEMORY—Laird S. Cermak—Norton, 1975, 123 p., \$6.95. Research psychologist's nontechnical book explains techniques of attention, organization, mediation, imagery and mnemonics, designed to aid immediate, short-term and long-term memory. [9]

MAKING SCIENTIFIC TOYS—Carson I. A. Ritchie—Nelson, 1976, 170 p., illus., \$6.50. Describes how to make safe and inexpensive optical, acoustical, flying, balance, meteorological, chemical and electric toys. [10]

MAYA: The Riddle and Rediscovery of a Lost Civilization—Charles Gallenkamp—McKay, 1976, rev. & expand. ed., 236 p., plates, drawings by Dolona Roberts, map, \$12.95. Completely re-set edition incorporates significant new information gleaned from scholarly research of Mayan ruins in Mexico, Guatemala and Honduras. [11]

MODERN HOME DICTIONARY OF MEDICAL WORDS—Morris Fishbein, M.D.—Doubleday, 267 p., paper, \$1.95. Clear definitions of medical terms, from *abasia* to *zymosis*; describes uses and standards of commonly made tests; explains the routine tests of a complete physical examination. [12]

THE 1976 HANDBOOK OF PRESCRIPTION DRUGS: Updated and Expanded—Richard Burack, M.D. with Fred J. Fox, M.D.—Pantheon, 1976, 475 p., \$12.95. Intended to give clinically evaluated guidance through the present chaotic state of brand-name drugs; includes basic drug list, updated comparative price list, prescription drug list, top 200 drugs prescribed, and some suppliers of generic drugs. [13]

OF ACCEPTABLE RISK: Science and the Determination of Safety—William W. Lowrance—Kaufmann, Wm., 1976, 180 p., diagrams, paper, \$4.95. Treatise uses a variety of case studies to illuminate and clarify the scientific and sociopolitical principles that relate to public safety. [14]

THE PHYSICS OF MUSIC—Alexander Wood; rev. by J. M. Bowsher—Halsted Pr, 1976, 7th ed., 273 p., illus., paper, \$8.25. Modernized edition of classic work which deals with the interface between physics and music—resonance, pitch, vibrations of strings, organ pipes, dissonance, consonance, reproduction of sound, and acoustics. [15]

PLAYING WITH INFINITY: Mathematical Explorations and Excursions—Rózsza Péter, transl. from Hungarian by Z. P. Dienes—Dover, 1976, 280 p., illus., paper, \$3. Unabridged republication of 1961 English edition, presents concepts of mathematics not for mathematicians but for intellectually curious people in literature, the arts and humanities. [16]

REFLECTIONS OF LANGUAGE—Noam Chomsky—Pantheon, 1976, 276 p., \$10. Considers the point and purpose of linguistic studies, analyzes current controversies among psychologists, philosophers and linguists over the acquisition of cognitive structures, the way language interacts with other mental organs, and enters into human activity. [17]

THE THIRD INDUSTRIAL REVOLUTION—G. Harry Stine—Putnam, 1975, 192 p., diagrams, \$7.95. Speculative discussion of the technical and financial feasibility of using outer space as a site for industry, adapting industrial processes to conditions in the solar system, setting up space factories, and human institutions in space. [18]

THE WEATHER MACHINE—Nigel Calder—Viking Pr, 1976, 144 p., color plates, photographs, diagrams, paper, \$4.95. Reprint (1974), explains how the weather works, how it changes; deals with causes and effects, and the threat of ice. [19]

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

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