



WFF 'N PROOF: The Game of Modern Logic, by Professor Layman E. Allen (University of Michigan)

The original 21-game kit that teaches symbolic logic. Beginning games are easily learned by children. Advanced games will challenge any intelligent adult. WFF 'N PROOF develops precise reasoning and creative thinking skills. **2-4 players; ages 6-adult**



EQUATIONS: The Game of Creative Mathematics, by Layman E. Allen

This exciting, 5-game kit has doubled math achievement and cut absenteeism by 2/3.* Basic game uses addition, subtraction, multiplication, division, roots and exponents. Advanced versions include higher math. A game as simple or complex as you make it. **2 or more players; ages 7-adult**

Games for Thinkers

from WFF 'N PROOF Publishers

An exciting, fun way to learn the fine art of thinking!



THE PROPAGANDA GAME: by Lorne Greene (NBC, Paramount Studios) and Robert Allen (Academic Games Director, Nova University)

Learn the fascinating techniques used by professionals to mold public opinion. This game teaches you to recognize "bandwagon" appeals, rationalization, faulty analogy, technical jargon and more. **2-4 players; ages 12-adult**



ON-SETS: The Game of Set Theory, by Layman E. Allen, Peter Kugel (M.I.T.), and Martin Owens (Mitre Corporation)

ON-WORDS: The Game of Word Structures, by Layman E. Allen, Frederick L. Goodman, Doris Humphrey, and Joan Ross (University of Michigan)
Two exciting, strategy-filled games. Learn set theory or word forms with prefixes, suffixes, phonetics, spelling, counting and grammar skills. **2 or more players; ages 7-adult**



QUERIES 'N THEORIES: The Game of Science and Language, by Layman E. Allen, Joan Ross and Peter Kugel.

Fascinating simulation of scientific method and laws of generative grammars in linguistics. Learn methods of inquiry, synthesizing, organizing and analyzing data while trying to break the code of another player's secret symbolic language. **2 or more players; ages 12-adult**

Order from: WFF 'N PROOF, 1490-MR South Blvd., Ann Arbor, MI 48104

- | | |
|---|--|
| <input type="checkbox"/> Wff 'n Proof (logic) \$16.00 | <input type="checkbox"/> Propaganda (social studies) \$13.00 |
| <input type="checkbox"/> Equations (math) 13.00 | <input type="checkbox"/> Queries 'n Theories 16.00 |
| <input type="checkbox"/> On-Sets (set theory) 13.00 | <input type="checkbox"/> Complete Special |
| <input type="checkbox"/> On-Words (word structures) 13.00 | <input type="checkbox"/> All 6 Games \$69.95 |

Prices include postage and handling. Please send me the games indicated. Enclosed is my check for \$_____.

Name _____
Address _____ street _____ city _____ state _____ zip code _____

*Free catalog and reprints available of studies on increased achievement, comprehension, I.Q. scores, and reduced absenteeism.

Books

Books is an editorial service for readers' information. To order any book listed or any U.S. book in print please remit retail price, plus \$1.00 handling charge for each book, to **Book Order Service**, Science News, 1719 N Street, N.W., Washington, D.C. 20036. All books sent postpaid. Domestic orders only.

The Aircraft Treasures of Silver Hill: The Behind-the-Scenes Workshop of our Nation's Air Museums — Walter J. Boyne. The Deputy Director of the National Air and Space Museum tells of the remarkable transformation of the Paul E. Garber facility from an aviation storage depot of the Smithsonian to its present position as a premier aircraft restoration facility in the world. Discusses and illustrates the fascinating aircraft in the Silver Hill collection and tells the stories of the people who made, flew and loved the aircraft and those who labor at their restoration. Rawson Assoc., 1982, 248 p., illus., \$22.95.

Annual Review of Biophysics and Bioengineering, Vol. 11 — L.J. Mullins, Ed. Articles range from "Timely Topics in Statistical Methods for Clinical Trials" to "Protein Conformation, Dynamics, and Folding by Computer Simulation." Annual Reviews, 1982, 494 p., illus., \$22.

Carbon Dioxide and Climate: A Second Assessment — National Research Council CO₂/Climate Review Panel. This report confirms a 1979 NRC report which predicted that when CO₂ concentrations double, the global surface temperature will increase nearly 3°C with a possible error of ± 1.5°C. (See SN: 7/24/82, p. 56.) Natl Acad Pr, 1982, 72 p., paper, \$7.25.

The Creative Explosion: An Inquiry into the Origins of Art and Religion — John E. Pfeiffer. An effort to account in evolutionary terms for the relatively sudden appearance some 30,000 years ago of paintings and engraving on the walls of caves in France and Spain — the world's earliest known art. Suggests a new hypothesis which sees cave art as part of the ritual designed to reduce conflict among prehistoric hunter-gatherers. Discusses the life and art of modern hunter-gatherers in Australia. Har-Row, 1982, 270 p., color/b&w illus., \$29.95.

JPL and the American Space Program: A History of the Jet Propulsion Laboratory — Clayton R. Koppes. Covers the major technological developments in which JPL has been involved, starting with its forerunner, the Guggenheim Aeronautical Laboratory, California Institute of Technology (GALCIT). During the space period the scientific aspects of JPL's missions assumed greater importance. JPL as an institution reflects some of the central questions about the role of science and technology in American society. Thus, in addition to the scientific and technological achievements at JPL, this book attempts to address these societal concerns as they relate to this laboratory. Yale U Pr, 1982, 299 p., color/b&w illus., \$19.95.

Nature's Night Life — Robert Burton. Covers the animal kingdom, from insects, spiders and fishes to bushbabies, owls, possums and bats. The book is not a catalog of nocturnal animals but a fascinating discussion of night life in the wild, illustrated by specific examples from all over the world. Blandford Pr (Sterling), 1982, 160 p., color/b&w illus., \$17.95.

Prescriptions for Death: The Drugging of the Third World — Milton Silverman, Philip R. Lee and Mia Lydecker. Documents "drug-dumping," marketing of drugs with exaggerated claims and campaigns by drug companies to get poor countries to purchase costly vitamin preparations and other luxury drugs. Describes options for actions to improve drug delivery to the Third World. U of Cal Pr, 1982, 186 p., \$16.95.