



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-MT 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 All 6 Games \$69.95 |
| <input type="checkbox"/> On-Words (word structures) 13.00 | |

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.

Ancient North Americans — Jesse D. Jennings, Ed. Presents the evolution of North American Indians through 30,000 years of pre-history. Prominent archeologists examine North America's major cultural regions prior to the arrival of the Europeans. Includes some chapters from *Ancient Native Americans* published in 1978. WH Freeman, 1983, 642 p., illus., \$24.95.

Coevolution — Matthew H. Nitecki, Ed. Proceedings of a symposium that features recent theoretical models to treat genetic aspects of coevolution. Considers coevolution with neontological, as well as paleontological aspects. U of Chicago Pr, 1983, 392 p., illus., \$30, paper, \$17.

Frame of the Universe: A History of Physical Cosmology — Frank Durham and Robert D. Purrington. A history of scientific ideas written by practicing physicists who balance historical views on the origins of the universe with contemporary theories and challenge the reader to consider fact and speculation about the origin of the universe. The book presents ancient cultures' ideas of cosmology, highlights the outstanding contributors to cosmological history, and presents contemporary theories of the universe. Columbia U Pr, 1983, 284 p., illus., \$24.95.

Invasive Procedures: A Year in the World of Two Surgeons — Mark Kramer. Explores the world of the surgeon by following, for a year, two surgeons through their days from office visits to operations and hospital rounds. The personalities of the physicians are revealed in this factual account where only the names and locales have been changed. Har-Row, 1983, 213 p., \$13.95.

The Logic of Perception — Irvin Rock. A psychologist, an expert on perception, makes the case here that visual perception is the end result of thought-like processes. He points out that although little is known about the nature of thought, we may learn about the complex operations involved by studying perception. MIT Pr, 1983, 365 p., illus., \$22.50.

The Medical Effects of Nuclear War — British Medical Association's Board of Science and Education. This report is intended to give the reader an objective and scientific account of the medical consequences, both immediate and long-range, that would follow the explosion of nuclear weapons in an attack on the UK. Wiley, 1983, 188 p., charts & graphs, paper, \$9.

The Roving Mind — Isaac Asimov. A collection of essays, wide-ranging in scope, by this skilled science communicator. Explores such topics as pseudoscience, population, censorship, the philosophy of science, the future and astronomy. Prometheus Bks, 1983, 350 p., \$17.95.

Volcanoes in the Sea: The Geology of Hawaii — Gordon A. Macdonald, Agatin T. Abbott and Frank L. Peterson. This definitive work on the geology of the Hawaiian Islands, originally published in 1970, has been revised and new material has been added to bring it up-to-date. The book is intended primarily for the person with little or no previous training in geology. Beautiful illustrations, many in color. U of Hawaii Pr, 2nd ed., 1983, 517 p., color/b&w illus., \$29.95.