

# Games for Thinkers

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The emphasis is not on what to think, but how to think!



**The Game of Set Theory**, by Layman E. Allen, Peter Kugel (M.I.T.), Martin Owens (Mitre Corp.). This 30-game package can instruct students in kindergarten through high school in basics of set theory as well as extend a challenge to any adult exploring "new math." Encourages players to enjoy mathematics while learning concepts of union, intersection, logical differences, complement, identity, inclusion, null and universal sets. 2 to 4 players. **\$10.00\***

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**The Game of Modern Logic**, by Layman E. Allen, (Professor of Law and Research Social Scientist, University of Michigan). The original game of symbolic logic. Twenty-one-game kit that starts with speed games that challenge intelligent adults. The kit provides entertainment and practice in abstract thinking relevant for philosophy, mathematics, English, and computer programming for junior and senior high school. 2 to 4 players. **\$13.00\***

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**The Game of Science and Language** (a simulation of scientific method and generative grammars), by Layman E. Allen and Joan Ross (University of Michigan) and Peter Kugel (M.I.T.). Through inductive reasoning, players learn scientific method of inquiry and gain skill in organizing, analyzing, and synthesizing data while engaged in an intriguing game of linguistics. For teenagers and adults. 2 to 4 players. **\$13.00\***

## Configurations

**Number Puzzles and Patterns for All Ages**, by Harold L. Dorwart (Professor of Mathematics, Trinity College). A series of ingenious geometric and mathematical problems that will delight and challenge those who enjoy careful reasoning. Suitable for junior and senior high school levels. If you prefer solitaire, this one is for you. One player **\$6.75\***

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**These books will stimulate both your hemispheres**

**AMARANTH: From the Past, For the Future**—John N. Cole. An optimistic appraisal of this ancient food crop as an important food source for the future (SN: 9/8/79, p. 168). Rodale Pr Inc, 1979, 311 p., illus., \$8.95. [1]

**THE AMERICAN HEART ASSOCIATION COOKBOOK**, 3rd ed. —Ruthe Eshleman et al. The typical American diet, states the foreword, has damaging effects on the heart and blood vessels, increasing the risk of heart disease. This revised and expanded edition is designed to help you buy, prepare and serve proper proportions of the foods that will help you maintain ideal weight and reduce the amount of animal fat and cholesterol you eat. McKay, 1979, 519 p., illus., \$12.95. [2]

**THE ARTHRITIS BOOK: A Guide for Patients and their Families**—Ephraim P. Engleman and Milton Silverman, foreword by Robert J. Glaser. Designed to complement the physician by providing descriptions of the various forms of arthritis and their treatment. Painter Hopkins (Dutton), 1979, 199 p., illus., \$12.95. [3]

**CHANCE, CAUSE, REASON: An Inquiry into the Nature of Scientific Evidence**—Arthur W. Burks. Discusses philosophical problems concerning the nature of scientific evidence and related concepts, such as probability, causality and inductive reasoning, for those with some knowledge of mathematics and science. Originally published in hardback in 1977. U of Chicago Pr, 1979, 694 p. (hardback \$27.50), paper, \$12.50. [4]

**COPING WITH CHRONIC PAIN**—Nelson H. Hender and Judith Alsofrom Fenton. Introduces for the general reader the recent developments in the diagnostic procedures, psychological testing, counseling, non-narcotic drug treatment and medical facilities for chronic pain sufferers. Discusses the effects of pain on its victims and their families and provides advice to help deal with chronic pain. Potter (Crown), 1979, 166 p., illus., \$10. [5]

**THE DANCING WU LI MASTERS: An Overview of the New Physics**—Gary Zukav. Written for intelligent people who want to learn about advanced physics but who do not know its terminology or its mathematics. The essence of quantum mechanics, quantum logic, special relativity and some new ideas that indicate the direction that physics seems to be moving in are discussed in readable style. Morrow, 1979, 352 p., illus., \$12.95, paper, \$5.95. [6]

**DRAWING ON THE RIGHT SIDE OF THE BRAIN: A Course in Enhancing Creativity and Artistic Confidence**—Betty Edwards. The author has designed a series of drawing exercises that attempt to develop a new way of seeing by tapping the special functions of the right hemisphere of the brain, thus helping you to learn to draw. Explanations of the functions of the brain hemispheres and the reasons behind each exercise make this a fascinating, as well as practical, book. J P Tarcher (St Martin), 1979, 207 p., illus., \$13.95, paper, \$8.95. [7]

**THE EPILEPSY FACT BOOK**—Harry Sands and Frances C. Minters. Sponsored by the Epilepsy Foundation of America and written for the layman in nontechnical language, this book examines what epilepsy is, its causes, forms, diagnosis and treatments (traditional and experimental), and focuses on how to live with epilepsy. Scribner, 1979, 116 p., illus., \$8.95. [8]

Inverted drawing forces a cognitive shift to the right hemisphere and produces some surprising results. (From *Drawing on the Right Side of the Brain*, courtesy J.P. Tarcher.)

**THE ESSENTIAL GUIDE TO PRESCRIPTION DRUGS**—James W. Long. This book is intended to be a source of basic information about the most commonly used prescription drugs. Gives such data as year introduced, brand names, how the drug works, side effects, use during pregnancy and while nursing an infant and possible effects of extended use. Includes an index of 1,446 brand and 212 generic drug names. Har-Row, revised ed., 1980, 863 p., \$25, paper, \$8.95. [9]

**A FIELD GUIDE TO EDIBLE WILD PLANTS: Eastern and Central North America**—Lee Peterson. Information for identifying, harvesting and preparing nearly 400 species. Plants are described and well illustrated. Common poisonous plants that resemble edible ones are discussed and depicted. HM, Peterson Field Guide Series, 1978, 330 p., b&w drawings and color photographs, \$10.95. [10]

**FOSSILS**—Mark Lambert. A beautifully illustrated introduction to fossils and fossil collecting. Evolution of life, rock formation and many other background details are included. Arco, 1979, 125 p., color illus., \$6.95. [11]

**THE HIGH BLOOD PRESSURE BOOK: A Guide for Patients and Their Families**—Edward J. Fries and Gina Bari Kolata, foreword by Robert J. Glaser. Written to complement the information given the patient by his or her physician. Explains the current thinking among medical experts on high blood pressure—what it is, why it is dangerous, how it is treated and the possible side effects of the medication. Painter Hopkins (Dutton), 1979, 152 p., illus., \$12.95. [12]

**NATURE IS YOUR GUIDE: How to Find Your Way on Land and Sea**—Harold Gatty. Shows how early explorers and primitive peoples found their way on long journeys by observing nature. Tells how you, too, can use nature through knowledge and observation of such things as birds, other animal life, weather, vegetation, snow field patterns and the position of the sun, moon and stars. Penguin, 1979, 271 p., illus., paper, \$3.95. [13]

**PALAEONTOLOGY: An Introduction**—James Scott. For the student or the general reader interested in fossils. Taplinger, 1978, 160 p., illus. by Sheila Scott, \$9.95. [14]

**THE RIGHT BRAIN: A New Understanding of the Unconscious Mind and its Creative Powers**—Thomas R. Blakeslee. Explains the functions of the hemispheres of the brain. Indicates that we have not been taught to use the right hemisphere and offers suggestions for utilizing the right brain. Includes an extensive bibliography. Anchor Pr/Doubleday, 1980, 275 p., illus., \$10.95. [15]

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**SPACESHIPS OF THE MIND**—Nigel Calder. With special emphasis on space technology, the author introduces some of the innovative thinkers in the scientific community in a series of interviews and comments on their research. Originally published in hardback in 1978. Penguin, 1979, 144 p., color and b&w illus. (hardback, \$14.95), paper, \$6.95. [17]

**STARS AND PLANETS**—Robin Kerrod. From a short history of astronomy to the latest techniques of radio astronomy, this beautifully illustrated book provides an introduction to astronomy for the general reader. Arco, 1979, 125 p., color drawings by Ron Jobson & color photographs, \$6.95. [18]

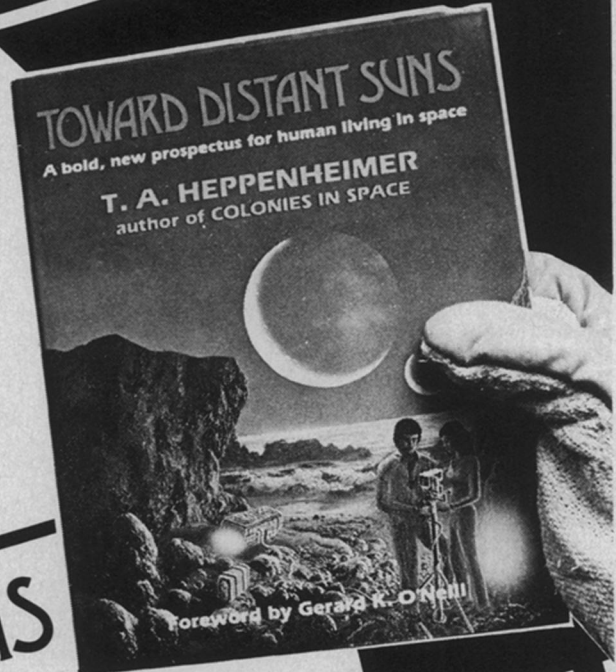
**THE STRUCTURE OF WORLD ENERGY DEMAND**—Robert S. Pindyck. Concerned with differences in the characteristics of energy demands in both industrialized and less developed countries. Attention is focused in this study primarily on the energy use of the residential and industrial sectors. MIT Pr, 1979, 299 p., chart & graphs, \$20. [19]

**WELCOME THE BIRDS TO YOUR HOME**—Jane and Will Curtis. The story of how one family created a thriving bird habitat. Includes many practical ideas on building feeders, where to place them, how to landscape for birds and how to photograph them. Greene, 1980, 154 p., illus. by John Sill, \$9.95, paper, \$5.95. [20]

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