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Art, Mind, and Brain: A Cognitive Approach to Creativity — Howard Gardner. A collection of essays by a leading psychologist who studies the human creative processes, particularly as they are manifested in the arts. Begins with tributes to "masters" of the cognitive sciences. Explores artistic development in children, creativity, and brain-damage and its effect on artistry. Basic, 1982, 380 p., illus., \$20.

Electricity from Sunlight: The Future of Photovoltaics — Christopher Flavin. "Solar photovoltaic cells have been called the ultimate energy technology. Environmentally benign and without moving parts, solar cells directly convert sunlight into electricity." The author feels that solar photovoltaics may become one of the most rapidly expanding energy sources and one of the biggest growth industries of the late 20th century. He points out that the widespread use of solar cells hinges on one major challenge — cost reduction. Worldwatch Inst, 1982, 63 p., paper, \$2.

Garden Secrets: A Guide to Understanding How Your Garden Grows and How You Can Help It Grow Even Better — Dorothy Hinshaw Patent and Diane E. Bilderback. Reveals processes which take place beneath the soil, in the seeds, roots, stems, leaves and flowers of plants. Explains how soil types, nurturing methods, water, nutrients and mulch may affect plant growth. Tells how to use this information to grow better crops. Rodale Pr Inc, 1982, 315 p., illus., \$14.95.

Problem Solving with the Programmable Calculator — David L. Dunlop and Thomas F. Sigmund. Dozens of puzzles, games and simulations for a wide variety of applications in mathematics, science and everyday life. Written specifically for use on the TI-59, but adaptable for use on other popular programmable calculators. Each activity comes with detailed instructions, flowcharts and/or keystroke listings and solutions. P-H, 1983, 227 p., \$19.95, paper, \$10.95.

Rituals of Manhood: Male Initiation in Papua New Guinea — Gilbert H. Herdt, Ed., introduction by Roger M. Keesing. The papers here were all presented at a symposium of the Association for Social Anthropology in Oceania held in Clearwater, Fla., February 28-March 4, 1979. The field work reported encompasses four different major ethnographic subregions of Papua, New Guinea. U of Cal Pr, 1982, 365 p., illus., \$32.50, paper, \$10.95.

Scientific Temperaments: Three Lives in Contemporary Science — Philip J. Hilts. Through three enlivening biographies of major innovators in physics, genetics and computer science, the author examines the connection between the personal and professional lives of Robert Wilson, Mark Ptashne and John McCarthy. Points up the human variable in science, showing how science is very much a product of the people engaged in it. S&S, 1982, 302 p., \$15.95.

Solar Heat-N-Grow Window: Combines a Window Greenhouse and Solar Air Heater in One Project — Roger A. Moyer. With this book and the plans it includes you can turn any window in your house into a small solar greenhouse and solar air heater. Rodale Pr Inc., 1982, 64 p. plus blueprints, illus., paper, \$14.95.

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