

UNUSUAL SCIENCE BARGAINS

3" ASTRONOMICAL TELESCOPE

See the stars, moon, phases of Venus, planets close up. 60 to 180 power. Aluminized and overcoated 3" diameter f/10 primary mirror, ventilated cell. Equatorial mount with locks on both axes. Equipped with 60x eyepiece and mounted Barlow lens. 3x finder telescope, hardwood tripod. Included FREE: "STAR CHART"; 272-page "HANDBOOK OF HEAVENS"; "HOW TO USE YOUR TELESCOPE" book.
 Order #85,050Q ----- \$29.95 Ppd.
 4 1/2" REFLECTOR TELESCOPE ----- \$84.50 TCC
 6" REFLECTOR TELESCOPE ----- \$199.50 TCC
 Order #85,086Q



WOODEN SOLID PUZZLES

12 Different puzzles that will stimulate your ability to think and reason. Here is a fascinating assortment of wood puzzles that will provide hours of pleasure. Twelve different puzzles, animals, and geometric forms to take apart and reassemble give a chance for all the family, young and old, to test skill, patience and, best of all, to stimulate ability to think and reason.
 Stock No. 70,205Q ----- \$3.50 Ppd.

GIANT WEATHER BALLOONS

Available in big 8' and 16' diameter. Create a neighborhood sensation. Great backyard fun. Exciting beach attraction. Blow up with vacuum cleaners or auto air hose. Filled with helium (available locally) use balloons high in sky to attract crowds, advertise store sales, announce fair openings, etc. Amateur meteorologists use balloons to measure cloud heights, wind speed, temperature, pressure, humidity at various heights. Photographers can utilize for low-cost aerial photos. Made of heavy duty neoprene.
 Stock No. 60,568Q—8' DIAM. ----- \$2.00 Ppd.
 Stock No. 60,632Q—16' DIAM. ----- \$7.00 Ppd.
 Order by Stock No.—Send Check or M.O. Shipment same day received—Satisfaction or money back.



TEACHERS: Write for Educational Catalog Q-2

	EDMUND SCIENTIFIC CO.
	300 Edcorp Building
	Barrington, New Jersey 08007
	Completely new 1968 Edition, 148
	PAGES—4000 BARGAINS. Please
Rush Free Catalog "Q"	
Name _____	
Address _____	
City _____ State _____ Zip _____	

Why Can't You Control Your Memory?

A noted publisher in Chicago reports there is a simple technique for acquiring a powerful memory which can pay you real dividends in both business and social advancement and works like magic to give you added poise, necessary self-confidence and greater popularity.

According to this publisher, many people do not realize how much they could influence others simply by remembering accurately everything they see, hear, or read. Whether in business, at social functions or even in casual conversations with new acquaintances, there are ways in which you can dominate each situation by your ability to remember.

To acquaint the readers of this publication with the easy-to-follow rules for developing skill in remembering anything you choose to remember, the publishers have printed full details of their self-training method in a new booklet, "Adventures in Memory," which will be mailed free to anyone who requests it. No obligation. Send your name, address, and zip code to: Memory Studies, 835 Diversev Parkway, Dept. 540-018, Chicago, Ill. 60614. A postcard will do. (Adv.)

152/science news/vol. 94/17 august 1968

films OF THE WEEK

Listing is for readers' information of new 16mm and 8mm films on science, engineering, medicine and agriculture for professional, student and general audiences. For further information on purchase, rental or free loan, write to distributor.

AIRBORNE TRANSMISSION OF TUBERCLE BACILLI—M-1300. 16mm, color, sound, 7 min. Uses live action and animation to show how tubercle bacilli in airborne droplet nuclei cause tuberculosis infection; how this method of transmission is verified; and how this transmissibility can be controlled. Audience: medical and public health community. Free loan from National Medical Audiovisual Center (Annex), Chamblee, Ga. 30005, Attention: Film Distribution.

THE BLIMPS: CLEARLY IDENTIFIED FLYING OBJECTS. 16mm, color, sound, 15 min. Depicts varied, day-to-day operations of blimps, including the coverage of special events for television, flashing greetings from animated night signs, and participation in civic celebrations and world's fairs. Exploration, scientific research, and movie-making are also among the special blimp projects shown. Film also traces the history of lighter-than-air aircraft from the first balloons of the 18th century to the present day. Audience: general. Free loan from Goodyear Public Relations Film Library, Akron, Ohio 44316.

CAPTURED CLIMATE, 16mm, color, sound, 17 min. Traces the evolution of various types of insulating materials used down through the ages to the present use of urethane foams. Relates urethane foams to the natural phenomena of heat and cold as they affect mankind's environment and activities. Audience: general. Free loan from Mobay Chemical Co., Pittsburgh, Pa. 15205.

EXOTIC EVERGLADES. 16mm, color, sound, 13 min. Sequences photographed at the Anhinga Trail, Flamingo on Florida Bay, the tropical shell beach at Cape Sable, and along the tideways that lace the region. Includes closeups of birds such as the roseate spoonbills, herons, and pelicans, as well as of alligators and turtles. Shows how the Park's visitor facilities make it possible to see the area's natural wonders. Audience: clubs, societies, and civic groups. Free loan from Everglades Park Co., 18494 S. Federal Highway (U.S. 1) Miami, Fla. 33157 (requests must be on organization letterheads).

MUSHROOM GROWTH AND REACTION. 8mm Standard or 8mm Super, color, silent, 3 1/2 min. A small Coprinus mushroom is shown growing on oat seeds embedded in agar. Time-lapse procedures make it possible to see the formation of the mycelium and the small knot-like centers which then develop into the familiar stalk and cap. One experiment which influences the direction of growth is included in the film. Audience: high school, college. Purchase 8mm Standard \$13 or 8mm Super \$14.50 from Modern Talking Picture Service, 1212 Park Ave., New York, N.Y. 10036.

LETTERS

to the editor

Beam, of course

Sir:

The colliding beam (SN: 7/13, p. 42) article is quite useful; however I must say that the reader would have to look hard to find the basic physical principle. There is a very unfortunate error on page 44, second column, second paragraph; a portion reads "Even with a 12 BeV positron ring (my italics) which we have at SLAC one does not have enough energy . . .," says Prof. Panofsky." The quote would be correct if one were talking about a 12 BeV positron beam which indeed we do have at SLAC. As you know, SLAC has been trying for the last four years to obtain authorization to build a 3-4 BeV electron-positron ring which represents a reasonable upper limit, both in terms of money and physics incentives for building an electron-positron storage ring. Owing to current fiscal stringencies support for such a project has as yet not been obtained. The unfortunate error in the article makes it appear as if a larger storage ring is now being constructed.

W. K. H. Panofsky, Director
 Stanford Linear Accelerator Center
 Stanford University
 Stanford, Calif.

Math films

Sir:

I am an instructor of mathematics at Central State University at Wilberforce, Ohio. In the spring, we had some thought of finding and showing movies on mathematics. Naturally, I paid close attention to the Films of the Week feature in SCIENCE NEWS. And would you believe it, from then to now I've not seen one mathematical film listed? Yet it's true. What should I do?

Michael N. Tierstein
 Brooklyn, N.Y.

(You've pushed us. Now watch us. Ed.)

SCIENCE NEWS

Copyright © 1968 by Science Service, Inc. Reproduction of any portion of SCIENCE NEWS is strictly prohibited.

Subscription rate: 1 yr., \$6.50; 2 yrs., \$11.50; 3 yrs., \$16.50. Special trial offer for new subscribers only: 39 weeks, \$3.43. Single copy, 25 cents. No charge for foreign postage. Change of address: Three weeks' notice is required. Please state exactly how magazine is addressed. Include zip code.

Printed in U.S.A. Second class postage paid at Washington, D. C. Established as Science News Letter® in mimeograph form March 13, 1922. Title registered as trademark U. S. and Canadian Patent Offices. Indexed in Reader's Guide to Periodical Literature, Abridged Guide and the Engineering Index. Member of Audit Bureau of Circulation. UNSOLICITED MANUSCRIPTS will not be returned unless accompanied by a stamped, self-addressed envelope.

Published every Saturday by SCIENCE SERVICE, Inc., 1719 N St., N.W., Washington, D. C. 20036. North 7-2255. Cable Address: SCIENSERV.

ADVERTISING

L. D. Young, Advertising Director, SCIENCE NEWS, 1719 N St., N.W., Washington, D. C. 20036, Phone 202-667-8945.

Advertising Representatives: SCRIPPS-HOWARD NEWSPAPERS. General Advertising Department: 200 Park Ave., New York, N.Y., TN 7-5000; 400 N. Michigan Ave., Chicago, Ill., SU 7-3355; Suite 211, Braniff Building, Dallas, Tex., PL 7-3847; 908 E. Northland Tower, Southfield, Mich., 444-4595; 6363 Wilshire Blvd., Los Angeles, Calif., OL 3-0026; Room 1522, Philadelphia National Bank Building, Philadelphia, Pa., LO 3-6275; 100 California St., San Francisco, Calif., 989-5570; Suite 417, 3384 Peachtree Rd., N.E., Atlanta, Ga. 261-1571.