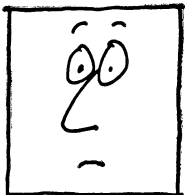
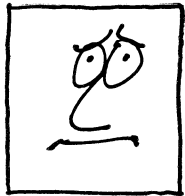


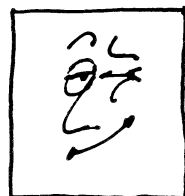
How would it be if your income paid only 1/3 of your expenses?



It would be like running a college.



Because tuition pays only about 1/3 of what it costs a college to educate a student.



The other 2/3? It must come from other sources — including you.

Give to the college of your choice.



Published as a public service in cooperation with The Advertising Council and the Council for Financial Aid to Education.

As an adult school administrator, one who is concerned with the gamut of recorded knowledge, I have yet to find a publication which provides scientific information for the sophisticated layman in such readable form, in such great quantities, and in so many fields as does SCIENCE NEWS. I take issue with Mr. Miessner and request that SCIENCE NEWS continue its fine service with the present format and at the present reading vocabulary level.

*Robert W. Rupert, Principal
Venice Adult School
Los Angeles City School Dist.*

I must agree with Mr. Miessner. For many years, yours is the only one of 15 periodicals which come to my home, which I have always read every syllable of. The old SCIENCE NEWS LETTER was quite unsophisticated, and I feel that its upgrading was good at the start of SCIENCE NEWS. At that time I was still able to read and understand everything. But during the past year, I am sorry, but only about half of your periodical gets through to me anymore.

*Parker Johnstone
Burlingame, Calif.*

After many years of enjoyment and ease of reading, SCIENCE NEWS has changed and I find it more difficult to read.

*W. R. Cummings
Hoyt Lakes, Minn.*

I find your magazine one of the most information packed "little magazines," meaning something one can browse through during a coffee break, being published. Contrary to Mr. Meissner's criticism of pedantic explanations of current science developments, I find your accurate reporting to be invaluable. As one who's academic education was in the humanities, but who is now processing technical information in a research library for use by scientists and students of science, your interdisciplinary overview is very helpful. Every discipline has its own jargon so that a dictionary does not always help one discover the point of view necessary to understanding. An additional advantage of reading your magazine is that it makes conversation with my own high school and college age children possible.

*Mrs. Lewis L. Parker
Oroville, Calif.*

I am a Brazilian student who has been studying in the U.S. for the past three years and have experienced no difficulty in comprehending your clear, concise articles.

(see Letters, p. 130)

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.

ACTION AND REACTION. 16mm, color, sound, 15 min. Newton's Third Law is developed in a logical series of demonstrations and experiments. Whenever possible, familiar materials are used, but special techniques are also used to indicate the presence of forces affecting solid objects. Before each experiment, hypothetical results are proposed and illustrated, and viewer is asked to choose one. Audience: High school, college. Purchase \$180 from Film Associates, 11559 Santa Monica Blvd., Los Angeles, Calif. 90025.

BIRDS THAT MIGRATE. 16mm, color or b&w, sound, 16 min. Birdbanding and other records have established four great migratory flyways across North America. Migrants using these routes are illustrated by 27 species, including the Blue-Winged Teal, which is traced from its breeding grounds in Manitoba to its winter home in Mexico. Difficulties encountered by the teal on their 1,000-mile flight are typical of such migratory flights. Audience: Junior high. Purchase color \$180 or b&w \$90 from Coronet Films, 65 E. South Water St., Chicago, Ill. 60601.

FROM POT TO PSYCHEDELICS. 16mm, b&w, sound, 32 min. Provides a look at the social, legal, and moral aspects of drug use and abuse in the United States. Interviews are conducted with drug users, legal authorities, sociologists, and medical researchers. Scenes of hippies in San Francisco; an interview with Timothy Leary, self-styled psychedelic prophet; and New York's Greenwich Village are included. Audience: general. Purchase \$180 or rental \$5.90 from NET Film Service, Indiana University, Audio-Visual Center, Bloomington, Ind. 47401.

THE GREAT EAR—S-18. 16mm, b&w, English or French sound track, 12 min. Construction and erection of one of the five great radiotelescopes at Nancay designed to investigate the natural radio waves emitted by the stars. Audience: general. Rental \$5 from Society for French American Cultural Services and Educational Aid, 972 Fifth Ave., New York, N.Y. 10021.

LET'S FINISH THE JOB. 16mm, color, sound 9½ min. Encourages all citizens to join in the drive to wipe out the threat of the *Aedes aegypti* mosquito, carrier of yellow fever and dengue, by eliminating the breeding places in water holding containers. The success depends upon the cooperation of the entire community in cleaning roof gutters, and in disposing of cans and other receptacles that can hold water. Audience: Health and related organizations, fraternal groups, general public. Free loan from National Medical Audiovisual Center (Annex), Chamblee, Ga. 30005, Attn: Film Distribution, or purchase from DuArt Film Laboratories, 245 West 55th St. New York, N.Y. 10019.

MINE FIRE CONTROL. 16mm, color, sound, 26 min. Recognizing fact that the effects of fires in abandoned coal mines are little understood outside of coal regions, film opens with sequences showing how conditions are altered in land above the fire through fumes from below and settling. Shows how mine fire control is a task requiring cooperation of many local and Federal agencies. Describes how fires may be controlled. Audience: educational institutions, citizens' groups. Free loan from Motion Pictures, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213.

POWER TOOLS. Loops on Electric Drill: Drilling, Electric Drill: Boring and Sanding, Belt and Orbital Sanders, Saber Saw: Wood Cutting, and Saber Saw: Metal Cutting. 8mm Super, color, silent, 4 min. each. Shows how correct adjustment and use of tools improve efficiency. Helps establish safe practices in the use of power tools. Teaches proper nomenclature relating to these tools. Audience: High school. Purchase \$95 for series of five, \$20 each from Bailey Films, 6509 De Longpre Ave., Hollywood, Calif. 90028.

ROTTING PEAR. 8mm Standard or 8mm Super, color, silent, 3½ min. Progressive destruction of a pear by brown rot fungus is seen in time-lapse. In five weeks of development, the deterioration of a fine specimen of fruit shows the successive stages of the spread of the rot, the destruction of the interior tissue of the fruit, and the formation of vast numbers of spores which may then infect other nearby fruit. Audience: High school, college. Purchase 8mm Standard \$13 or 8mm Super \$14.50 from Modern Talking Picture Service, 1212 Avenue of the Americas, New York, N.Y. 10036.