

films OF THE WEEK

INNER CITY DWELLER: TRANSPORTATION. 16mm, color, sound, 22 min. The transportation problems of a lower-income city dweller who works in the suburbs are presented, while two middle-class professionals discuss possible solutions to urban transportation problems. The lack of mass transit forces the inner city dweller to purchase an automobile, but he can only afford an old model, which is not reliable. The two professionals discuss our total dependency on the automobile, and the drastic decline in mass transit. They conclude that mass transit must be provided through massive Federal funding. Audience: secondary, college, adult. Purchase \$260 or rental \$9 from Audio-Visual Center, Indiana University, Bloomington, Ind. 47401.

INTRODUCTION TO HOLOGRAPHY. 16 mm, color, sound, 17 min. Holography introduces the student to an important aspect of laser applications. Through a progression of optical demonstrations and laboratory experiments scarcely possible to set up in the classroom, the film explains types of holograms—classic, white light and circular—and holographic interferometry. Viewers learn how holograms are made for display and research. The three-dimensional illusions created on film by holography seem an optical trick as students can look behind images on film through the use of lasers. Audience: high school, college. Purchase \$200 from Encyclopaedia Britannica Educational Corp. 425 N. Michigan Ave., Chicago, Ill. 60611.

THE MAYFLY: ECOLOGY OF AN AQUATIC INSECT. 16mm, color, sound, 15 min. Aquatic biologists have long realized that the type of animal life to be found in rivers and lakes provides a good indication of the water's general condition. The mayfly *Hexagenia bilineata* is especially useful in establishing scientific principles of environmental and biological studies. The mayfly's life history is shown from its nymphal stage to its emergence as a winged insect for only one day in order to mate and lay eggs, to its death. The film stresses the mayfly's importance as part of freshwater food chains and its dependence upon unpolluted water for survival. Audience: high school, college. Purchase \$167.50 from Encyclopaedia Britannica Educational Corp. 425 N. Michigan Ave., Chicago, Ill. 60611.

SEA SHORES COMPARED. 16mm, color, sound, 23 min. Examines five types of coast line and discusses the marine and plant life which inhabit each. The five types of shores (exposed sand, sheltered mud, exposed rock, sheltered rock and mixed rocky shore) are within a 1-mile area of the Leigh Marine Research Laboratory sixty miles north of Auckland, New Zealand. Animals and plants are photographed in their natural habitat as close as possible to the natural one to illustrate the habits of the various species examined. The popular descriptive name is used for each species with the scientific name given in superimposed titles on the screen for comparison to species found elsewhere. Audience: biology students. Purchase: \$275 or rental \$15 from International Film Bureau, 332 S. Michigan Ave., Chicago, Ill. 60604.

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.

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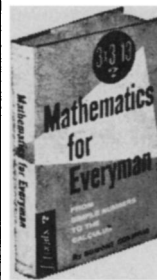
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