

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.

THE INCREDIBLE VOYAGE. 16mm, color, sound, 30 min. A filmed "exploration" inside the living human body, made through the use of an endoscope. The endoscope is a viewing system package in a long rod, which can penetrate the body at any of a number of natural openings or through a small surgical incision. As long as a sword, it can reach virtually the entire length of the chest and abdomen. It carries a light not unlike a miner's headlamp to illuminate the field of view. Among the parts of the body shown in the field are the eye, ear, nose, brain, uvula, bronchial tubes, diaphragm, heart, blood vessels, esophagus and stomach. Audience: schools. Free loan from Modern Talking Picture Service, 1212 Avenue of the Americas, New York, N. Y. 10036. (Produced by CBS News).

LABORATORY OF THE BODY. 16mm, color, sound, 28 min. Illustrates the classical steps followed by a scientist when he establishes a hypothesis and sets out to prove it. Illustration is by means of an actual case—the first isolation of the enzyme collagenase from human tissue. Techniques and instruments demonstrated include dialysis, electrophoresis, column chromatography, viscometry and radioisotope analysis. Dental research is shown to involve such disciplines as psychology, chemistry, pharmacology, immunology, anatomy, surgery, biophysics, genetics and physiology. Audience: high school, college. Free loan from Modern Talking Picture Service, 1212 Avenue of the Americas, New York, N. Y. 10036.

MOVEMENTS OF TWINING BEAN STALKS. 16mm, color, English sound track, 16 min. The stalks of this climbing plant describe a rapid twining movement. The movement occurs during times of intense growth, and is conditioned by certain growth-influencing factors. The stalks twine around the supporting props in accordance with processes which vary with the diameters of the props. Audience: high school, college. Free loan with handling charge of \$5.00 from Society for French American Cultural Services and Educational Aid, 972 Fifth Ave., New York, N. Y. 10021.

NATURAL RESOURCES OF SOUTHEAST ASIA. 16mm, color or b&w, sound, 15 min. The natural resources of Southeast Asia are important to the industrialized nations of the world, and are becoming useful to the developing industries of Southeast Asia. The resources covered in this film are tin ore, iron ore, timber, rubber, gravel, water, oil and fish. The various methods of mining, the use of elephants in the forests, the collecting and processing of rubber, the methods of agriculture and cattle raising, and the methods of fishing are all shown. Audience: elementary, high school. Purchase color \$180 or b&w \$100 from Film Associates, 11559 Santa Monica Blvd., Los Angeles, Calif. 90025.

PHYSICAL REHABILITATION IN HEMIPLEGIA—M-1579-X. 16mm, color, sound, 40 min. Depicts the roles of the physical therapist, occupational therapist, speech clinician, social worker, and a nurse in a comprehensive and coordinated approach to physical management of the hemiplegic patient. Delineates physical rehabilitation procedures and explains the rationale for using each. Demonstrates rehabilitation progress of three patients. Activities pictured include bed positioning, passive range of motion, evaluation of muscle power, wheelchair propulsion, assistive and resistive exercises, standing, balancing, ambulation and stair-climbing. Audience: persons in health-related professions who deal with hemiplegic families or their families. Free loan from National Medical Audio-Visual Center (Annex), Station K, Atlanta, Ga. 30324, Attention: Film Distribution.

QUICK AS A FLASH. 16mm, b&w, sound, 45 min. Explains photolysis, the process by which brief flashes of light are used both to initiate and produce change, and to photograph and record it. In chemistry, flash photolysis has been applied to combustion and explosion, the mechanism of knock in engines, and the study of photochromic materials. In biochemistry, it has been used to study the mechanisms of vision, how hemoglobin takes up oxygen, and the degradation of proteins. With an understanding of photolysis, the chemist is now able to work comfortably in the micro-second world and is beginning to dream of working in more minute units. Audience: high school, college, general. Purchase \$300 or rental \$35 from Peter M. Robeck and Co., 230 Park Ave., New York, N. Y. 10017. (Produced by BBC-TV.)



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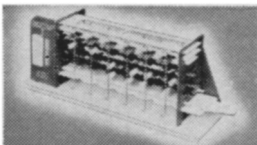
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