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Films

membership in NSTA to other educators from the kindergarten teacher to the college administrator. You can help accomplish the stated goal of our president, Morris H. Shamos, to double NSTA membership within two years, merely by spreading the word of our existence, our accomplishments, our advantages. You know them because you are already a member, possibly a life member. Why not share these advantages with others?

Your national membership committee thought of the many possible approaches to this editorial. Should we tempt you with the advantages of membership in NSTA and enumerate our programs, practices, and policies? Should we detail the workings of our committee and our field personnel, 450 strong? Should we elaborate upon the many innovations in the field of membership this year?

Instead, we chose to appeal to your sense of involvement and to your anticipation of the future—for after all, were these not the very same factors which made you what you are today, a science educator? Involve yourself and make your own association worthy of its name, The National Science Teachers Association, for all teachers of science.

Doris M. Timpano
Chairman, NSTA
National Membership Committee

FILMS

The following films and materials, especially adaptable for science and biology instructors, are available without charge upon request from the American Cancer Society, Iowa Division, Inc., Mason City, Iowa. All films are 16 mm. sound and color.

For 5th and 6th grades:

FROM ONE CELL (14 Minutes) Released in April, 1950.
This film is designed strictly for biology classroom use. It is closely linked with everyday teaching procedures and gains a natural, helpful place in the school curriculum. Beginning with the fertilized egg-cell and proceeding through the various life stages from infancy to old age, with diagrammatic and live-action sequences. The film rapidly reviews the phenomena of generative growth. It brings the complex subject of embryonic, regenerative, and degenerative cell behavior to life in a very few minutes. Included with film are: Teacher's Guide, set of 15 paper cell charts, booklet for teacher—*Teaching About Cancer.* Related materials sent on request: Pamphlet for student—*Why Learn About Cancer,* textbook for student—*Youth Looks at Cancer.*

For mid-way high school biology and college level instruction:

CRACKING THE CODE OF LIFE (22 Minutes) Released in November, 1966. An outstanding film for science teachers and students, this film presents new concepts and developments for the study of biology and enlarges student interest in science studies and careers. The film presents an up-to-date presentation on the biological phenomena of the beginning, development, and growth of the human body—with particular emphasis on roles of DNA (deoxyribonucleic acid) and RNA. Dealing with the mystery of life itself, the film relates the human cell to birth, heredity, the genetic code, embryonic development, molecular disease and its challenge to research. Included with

film: Teacher's Guide. Related materials for instructors only, upon request: Handbook—*Biology Experiments for High School Students,* Scientific American offprints.
For Students' use, upon request (limit 10 to a class): Transvision reprint—*The Beleagured Lung: Cancer Invades.*

THE EMBATTLED CELL (21 Minutes)
Released in February, 1968.
This extraordinary new film has unique educational values in science and biology classes in schools and colleges, and for showing to physicians and medical students, as well as other paramedical groups.
The film shows the actual behavior of living cells—both normal and cancerous—within the human lung. In time-lapse photography and other sequences, the viewer sees with startling vividness the struggle of the body's defensive cells against individual cells, the cleansing mechanism of the lung in action, and the lung's blood supply and drainage systems. The air sacs and their delicate capillaries are shown as these structures are affected by air pollutants such as cigarette smoke.

NSTA, NASA Announce Youth Science Congresses

The National Science Teachers Association and the National Aeronautics and Space Administration announce twelve regional Youth Science Congresses to be held throughout the United States during the spring of 1969. This is the fifth year the NSTA-NASA sponsored congresses have been held.

The meetings provide a professional atmosphere where high school students share the results of a scientific research project with their peers and professional scientists. The students are assembled at a NASA field center or aero-space laboratory where they join NASA scientists for a two-day program of seminars, discussions, and tours through the space laboratories and other appropriate scientific and cultural institutions.

Participants are selected on the basis of an abstract describing an investigative or experimental research project, the procedures used to evaluate it, and an interpretation of the results. During the program they are responsible for making an oral presentation of the research and defending it before the other members of the group.

Each student receives a bronze medallion to commemorate his attendance at the congress, and certificates of recognition for his school and sponsor.

The projected 1969 congresses will be arranged at the NASA Electronics Research Center, Cambridge, Massachusetts; the NASA Lewis Research Center, Cleveland, Ohio; the NASA Goddard Space Flight Center, Greenbelt, Maryland; the NASA Langley Research Center, Langley, Virginia; the NASA Marshall Spaceflight Center, Huntsville, Alabama; the NASA John F. Kennedy Space Center, Cape Kennedy, Florida; the NASA Manned Spacecraft Center, Houston, Texas; the NASA Pasadena Office, Pasadena, California; and the NASA Ames Research Center, Moffett Field, California. Three congresses will be held at aero-space laboratories in St. Louis, Denver, and Minneapolis.