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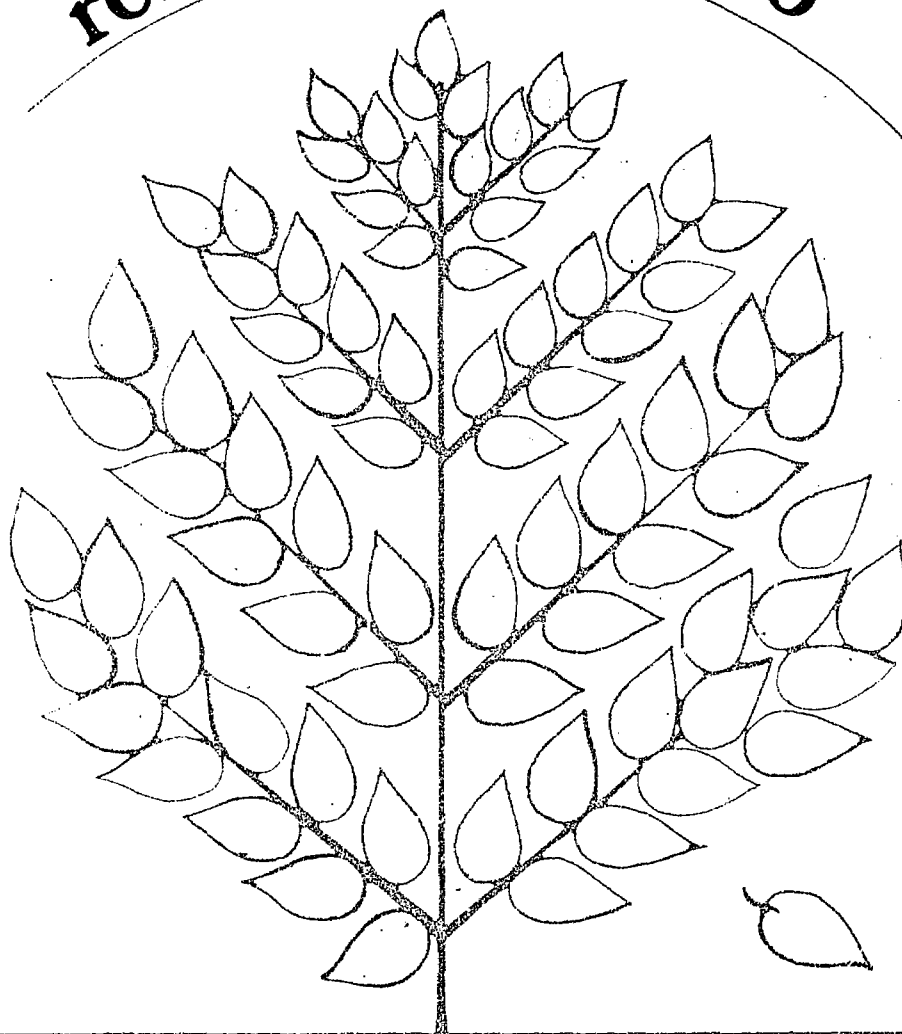
## ABSTRACT

Prepared to familiarize educators with the wide variety of materials available for environmental education, this bibliography and resource guide lists curriculum materials which would be useful in kindergarten through adult levels of education. To facilitate use of the guide, it is divided into seven sections: (1) Books--dealing with environmental topics, primarily for teacher background information; (2) Journal Articles--selected from professional education journals and popular periodicals, emphasizing education and the environment; (3) Multimedia Materials--each kit is described briefly giving its contents, purpose, recommended grade level, cost, and publisher; (4) Periodicals--both those devoted specifically to environmental topics and those that usually carry articles on environmental issues and problems; (5) Sources for Free and Inexpensive Materials--lists organizations and the materials they will provide free or at low cost to school districts; (6) Film Guide--16mm films that can be borrowed at little or no cost; notes a brief description of the content, color or black and white, length, free or rental, rental cost, source, and grade level; this section is also indexed separately by grade level and environmental topic; and (7) Program and Materials Evaluation Criteria--a form to rate materials. This work was prepared under an ESEA Title III contract.  
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resource guide to



# environmental education

Department of Education    Division of Curriculum & Instruction  
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SE 016 584

RESOURCE GUIDE TO ENVIRONMENTAL EDUCATION

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## INTRODUCTION

One of the dominant issues of our times concerns man and his relationship to his rapidly deteriorating environment. At last society is coming to realize that if mankind is going to survive on this planet, effective and intelligent action must take place. But action - if it is to be effective - must first be preceded by the acquisition of knowledge regarding the intricacies of nature and how man relates to his natural, man-made and social environments.

If we are ever to have an environmentally literate citizenry, one thing is clear - education must play a major role. But education must not only provide environmental facts, it must also stress the clarification of attitudes and values. It must help each person to see how he can participate in preventing further deterioration of our planet, and how each member of society can assist in improving his surroundings.

Resources for Environmental Education has been prepared to familiarize the educators of New Jersey with a wide variety of materials that are available for environmental education. To facilitate your using this guide, it has been divided into several sections:

Section A - A SELECTED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATION BOOKS. A listing of books dealing with environmental topics. All are for teacher background information and most can be used by secondary school students.

Section B - A SELECTED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATION - JOURNAL ARTICLES. Selected articles from the various professional education journals and popular periodicals. Emphasizes education and the environment.

Section C - MULTIMEDIA MATERIALS FOR ENVIRONMENTAL EDUCATION. A listing of multimedia kits for use in environmental education programs. Each item is described briefly giving kit contents, purpose, recommended grade level, cost and publisher.

Section D - PERIODICALS FOR ENVIRONMENTAL EDUCATION A listing of periodicals devoted specifically to environmental topics. Also lists many other periodicals that usually carry articles on environmental issues and problems.

Section E - SOURCES OF FREE AND INEXPENSIVE MATERIALS  
A Listing of organizations and the materials they will provide free or at very low cost to school districts.

Section F - FILM GUIDE FOR ENVIRONMENTAL EDUCATION  
A listing of 16mm films for environmental education. Primarily contains films that can be borrowed at little or no cost. Each listing contains a brief description of the film, indicates whether free or rental, rental cost, source, and other pertinent information. This section is also indexed according to grade level and environmental topic.

Section G - PROGRAM AND MATERIALS EVALUATION CRITERIA  
An aid to assist the educator in evaluating materials for environmental education

Administrators, curriculum directors, teachers, and anyone concerned with purchasing materials for environmental education should also visit the resource libraries at the following locations to examine first-hand many of the materials listed in this guide:

NORTHERN REGION

New Jersey State Council for Environmental Education  
Montclair State College  
Upper Montclair, New Jersey

SOUTHERN REGION

Conservation and Environmental Studies Center  
Whitesbog (Browns Mills) New Jersey

It should be noted that this guide is intended for notebook insertion to facilitate periodic revision.

## SECTION A

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SECTION C:

MULTIMEDIA MATERIALS

FOR

ENVIRONMENTAL EDUCATION

An African Essay. 2 Filmstrips, 2 Records or cassettes

A safari through Africa emphasizing man's kinship with nature and animals. Excellent interdisciplinary approach.

Gr. 4-12 \$35.00 Records, \$39.00 Cassettes Guidance

Blowing Sands, Deserts In America (Filmstrip)

How sand forms and how animals and plants adapt to their environment.

Gr. 2-6 \$6.00 Troll

Conservation: Saving Our Environment (4 Filmstrips)

Air and water pollution, soil, wild life.

Gr. 2-6 \$24.00 Troll

Earth Corps I: An Introduction to Ecology and Conservation,

Units 1 and 2. (each unit - 24 student paperbacks, 9 transparencies, Guide).

Introduces basic principles of ecology and stimulates environmental awareness and activity.

Gr. 3-6 \$24.00 Scholastic

Earth Corps II: Environmental Awareness Study Program,

Units 1 and 2. (each unit - 24 student paperbacks, guide, poster, transparencies, 20 photos, record, song sheets).

Excellent program to stimulate environmental awareness and activity.

Gr. 1-6 \$24.00 Scholastic

Earth Island: An Introduction to Ecology In Action

(3 Filmstrips, 2 records, student handbook, Guide, 4 posters, 22 data cards).

The interrelationship of everything in the natural environment, man's growing control of the environment, and the effects of it.

Gr. 4-8 Simon and Schuster

Ecolab. (208 cards, Teachers Guides)

Research activities that lead students to explore urban and rural environments, their own neighborhoods, etc.

Gr. 5-8 \$6.95 Milliken





Investigations In Ecology: A Biological Approach Slide System. (360 slides)

Broad aspects of ecological structures and relationships.

Gr. 6-12                      \$119.00                      Denoyer

Lets Read and Find Out (10 Filmstrips, 10 recordings or cassettes, 10 student texts).

Animals and insects in nature, their life cycles, relationships and interdependence with all living things. Excellent for open classrooms and for independent study.

K-4                              \$139.50                      Crowell

Lets Tour Megalopolis. (12 transparencies, 6 spirit masters, guide).

Describes characteristics and problems of large urban centers.

Grades 5-8                      \$6.95                      Milliken

Man: An Endangered Species. (10 Tapes, 39 transparencies, guide).

The population crises. Excellent for open classrooms and independent study.

Grades 7-12    \$99.50 (Reels)    \$85.50 Cassettes    Amidon

Man and His Environment (Filmstrip, record, booklets, guide).

Guide for teachers in developing an interdisciplinary approach to environmental Education.

Teachers                      \$17.00                      NEA

Man's Natural Environment: Crises through Abuse

(2 Filmstrips, 2 records or cassettes, guide).

"Death" of Lake Erie, dangers of the various kinds of pollution, outlines ways to solve the environmental problem.

Grades 7-12                      \$39.00                      Guidance

Our Changing Year. (4 cassettes)

Explains and discusses the changing seasons.

Gr. 3-6                              \$18.40                      Troll

Our Earth to Use and Preserve (4 cassettes)

Explains and discusses the importance of protecting the environment

Gr. 3-6                              \$18.40                      Troll

- Our Environment I. Fresh Water Communities. (4 Filmstrips, 4 records, 10 transparencies, 2 wall charts, spirit masters)  
Exploration of ecological and social problems, encourages students to investigate possible solutions in their own communities. Good for urban, suburban, and rural areas.  
Gr. 4-6 \$66.00 EMC
- Our Environment II. Sound and Noise. (2 filmstrips, 2 records, wall chart).  
See Our Environment I for description.  
Gr. 4-6 \$30.00 EMC
- Our Environment III. Aesthetics, (2 filmstrips, 2 records, guide).  
See Our Environment I for description.  
Gr. 4-6 \$32.00 EMC
- Our Environment IV Atmosphere. (4 Filmstrips, 4 records, 4 wall charts, spirit masters, guide).  
See Our Environment I for description.  
Gr. 4-6 \$69.00 EMC
- Our Green and Growing World. (4 cassettes).  
The roll of trees and plants in the environment.  
Gr. 3-6 \$18.40 Troll
- Our Polluted Air. A Mobile Workshop (73 illustrations, flannel board, teachers guide).  
Step by step approach to the study of pollution, its causes, effects. Good in urban as well as suburban and rural areas.  
K-6 \$45.00 Penn T.B.
- Perception: The World Around You: I - The City.  
(2 Filmstrips, 2 records, guide)  
Combines art, science, music, language arts to develop environmental awareness and appreciation of the natural world. Good for urban classroom.  
K-2 \$30.00 Ed. Dim.
- Perception: The World Around You: II - The Seasons.  
See Perception I for description  
K-2 Ed. Dim.
- Perception: The World Around You: III - Birds.  
See Perception I for description  
K-2 Ed. Dim

- Pollution: Open Your Eyes (2 Filmstrips, record, guide).  
Basic introduction to air, soil, and water environments; primitive plants.  
Gr. 4-6 \$23.00 Avid
- Priority I - Environment (Multimedia Kits) Available April 1, 1973. Six kits - air pollution, water pollution, solid waste, Marine and seashore pollution, thermal pollution, The Great Swamp. Contain student booklets, films, Filmstrips, transparencies, pre and post texts, Demonstration and lab materials.  
Gr. 4-6 McGraw Hill
- The Balance of Nature/Pollution. (2 Filmstrips, record)  
Good introduction to basic ecology.  
Gr. 5-9 \$18.00 Avid
- The Ecological Crises. (6 Filmstrips, 3 records, or cassettes, guide).  
Over population, pollution and how they threaten man.  
Gr. 7-12 \$69.00 (records) \$72.00 Cassettes Q-ED
- The Environment - Challenge of the '70's. (6 tapes, guide).  
Interviews with government officials on environmental problems and solutions.  
Gr 9-12 \$50.00 Washington
- The Last Free Bird. (Filmstrip, cassette, script)  
How technological progress is destructing the natural world. A rather negative approach.  
Gr. K-3 \$9.25 Weston
- The Mouse in the Maze. (Game) Computer cards designed to stimulate choices made by "mice in Maze" solving problems.  
Gr. 7-12 \$6.00 Houghton-Mifflin
- The Planet Management (Game) Players act as decision makers on an imaginary planet. Students "solve" environmental problems through role playing.  
Gr. 7-12 \$12.00 Houghton-Mifflin
- The Pollution Game  
Players try to agree on proposals to improve environmental quality; the profit motive vs. human values.  
Gr. 7-12 \$9.00 Houghton-Mifflin

The Redwood Controversy (Game)

Players engage in a Senate hearing on a proposal for Redwood National Park, discovering conflicts between ecological, financial, our political interests.

Gr. 7-8 \$7.50 Houghton-Mifflin

The Role of Trees in the Environment. (4 Filmstrips, 4 records)

Trees, their life cycles, relationship to the environment. Good for Biology, general science, and lends itself to a humanistic approach. Includes art, English, etc.

Gr. 9-12 \$44.00 Imperial

The Seventies: Decade for Decisions (Filmstrip, record, guide)

Explores technological and other changes that will affect the environment in the next decade.

Gr 7-12 \$9.00 N.Y. Times

The Underwater Environment (4 Filmstrips, 4 records or cassettes)

Introduction to the underwater world and its inhabitants.

Gr 5-10 \$44.00 records, \$51.00 cassettes Imperial

The Wisdom of Wilderness. (filmstrip, record or cassette, guide).

Charles Lindbergh discusses his personal philosophy that led him to end military and technological projects and become an environmentalist. Good interdisciplinary approach

Gr 7-adult \$18.00 records, \$20.00 cassette Guidance

Topics in Ecology: I. What is Ecology? (Filmstrip, record, guide)

Excellent interdisciplinary problem solving approach to environmental education. Makes students aware of problems they may have previously considered, value clarification.

Gr. 5-12 \$9.95 Multi-Media

Topics in Ecology: II. What is Pollution? (Filmstrip, record, guide)

See Topics in Ecology I for description.

Gr. 5-12 \$9.95 Multi-Media

Topics in Ecology III. What is Air? (Filmstrip, record, guide).

See Topics in Ecology I for description

Gr. 5-12 \$9.95 Multi-Media

Topics in Ecology IV. The Automobile: Beyond Air Pollution.

(Filmstrip, record, guide).

See Topics in Ecology I for description

Gr. 5-12 \$9.95 Multi-Media

Topics in Ecology V. Prosperity Equals Pollution. (Filmstrip, record, guide)

See Topics in Ecology I for description

Gr. 5-12 \$9.95 Multi-Media

Total Environment: The ABC's of the Total Environment. (Student Activity Manual, Teachers guide, Study Prints, Sound filmstrips and cassettes)

A multidisciplinary approach to environmental education.

An action program covering all phases of the environment.

Well done.

Gr. 4-6 \$48.50 Steck Vaughn

Vision and Environment: A World of Color.

Art, humanities and the environment.

Gr. K-2 Ed. Dim.

Water, Servant to Man. (Filmstrip).

How man uses and is dependent upon water.

Gr. 1-5 \$6.00 Troll

Whats Under the Farmer's Garden? (Filmstrip).

How plants grow; animals and insects in the garden.

Gr. K-4 \$6.00 Troll

Young Scientists Investigate Pollution. (4 Filmstrips, 2 records or cassettes, guide).

Air and water pollution problems and projects developed from student science fair projects.

Gr. 5-8 \$32.50 records \$35.50 cassette SUE

PUBLISHERS

A.V.I. Associates  
825 Third Avenue  
New York, New York 10022

Avid Corporation  
10 Tripps Lane  
E. Providence, R.I. 02914

Benefic Press  
10300 West Roosevelt Road  
Westchester, Illinois 60633

Denoyer-Geppert  
5235 Ravenswood Avenue  
Chicago, Illinois 60640

EMC Corporation  
180 East 6th Street  
St. Paul, Minnesota 55101

Educational Dimensions Corp.  
Box 146  
Great Neck, New York 10023

Environmental Studies  
Box 1559  
Boulder, Colorado 80302

Guidance Associates  
Pleasantville, New York 10570

Houghton-Mifflin  
110 Tremont Street  
Boston, Massachusetts 02107

Imperial Film Company  
4404 South Florida Avenue  
Lakeland, Florida 33803

McGraw Hill

Milliken Publishers  
611 Olive Street  
St. Louis, Massachusetts 63101

Multi-Media Productions  
580 College Avenue  
Palo Alto, California 943066

Nasco  
901 Jonesville Avenue  
Fort Atkinson, Wisconsin 53538

National Education Association  
1201 16th Street., N.W.  
Washington, D.C. 20036

Paul S. Amidon and Associates  
5408 Chicago Avenue  
S. Minneapolis, Minnesota 55417

Pennsylvania T.F. and  
Resp. Associates  
311 South Juniper Street  
Philadelphia, Pennsylvania 19107

Scholastic Magazines  
904 Sylvania Avenue  
Engelwood Cliffs, New Jersey 07632

Silver Burdett  
250 East James Street  
Morristown, New Jersey 07960

Simon and Schuster  
1 West 39th Street  
New York, New York 10010

Steck-Vaughan Company  
P. O. Box 2028  
Austin, Texas 78767

Society for Visual Education  
1345 Diversey Parkway  
Chicago, Illinois 60614

T.Y. Crowell  
201 Park Avenue  
New York, New York 10003

New York Times  
Book and Education Division  
229 West 43rd Street  
New York, New York 10031

Troll Associates  
320 Route 17  
Mahwah, New Jersey 07430

Washington Tapes  
5540 Connecticut Avenue, N.W.  
Washington, D.C. 20015

Weston Woods Studios  
Weston, Connecticut 06880

Q-ED Productions  
2921 West Alameda Avenue  
Burbank, California 91505

## SECTION D

### A SELECTED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATION

#### Periodicals

American Forests. The American Forestry Association,  
919 Seventh Street, N.W., Washington, D. C. 20006.  
\$6.00 a year.

Audubon. 1130 Fifth Avenue, New York, New York  
10028. \$8.50 a year.

Bioscience. American Institute of Biological Sciences,  
3900 Wisconsin Avenue, N.W., Washington, D. C.  
20016. \$12.00 a year. Monthly.

C F Letter. The Conservation Foundation, 1250 Connecticut  
Avenue, N.W., Washington, D. C. 20036.  
Monthly, \$6.00 a year.

Conservation News. National Wildlife Federation,  
1412 Sixteenth Street, N.W., Washington, D.C.  
20036. Bi-Weekly. Free.

Conservation Report. National Wildlife Federation,  
1412 Sixteenth Street, N.W., Washington, D.C.  
20036. Weekly during sessions of Congress. Free.

Current Science. American Education Publications,  
Science Division, 55 High Street, Middletown,  
Connecticut 06457. Weekly.

Daedalus. American Academy of Arts and Sciences,  
280 Newton Street, Brooklyn Station, Boston,  
Massachusetts 02146. Four issues a year,  
\$7.50.

Ecology Today. Box 180, West Mystic, Connecticut  
06388. Alternates with a bimonthly newsletter.  
Annual subscription for both is \$6.00.

Environment. Committee for Environmental Information,  
438 North Skinner Boulevard, St. Louis, Missouri  
63130. 10 issues a year, \$8.50.

Environmental Education. Dembar Educational Research  
Service, Box 1605, Madison, Wisconsin 53701.  
Quarterly, \$7.50 a year.



- F.A.O. Review. Food and Agricultural Organization of the United Nations. Bimonthly, \$2.50.
- Nation's Cities. 1612 K Street, N.W., Washington, D.C. 20006. Monthly, \$6.00 a year.
- National Geographic Society. 17th and M Streets, N.W., Washington, D. C. \$9.00 a year.
- National Wildlife. National Wildlife Federation, 1412 Sixteenth Street, N.W., Washington, D.C. 20036. Bimonthly, \$5.00 a year.
- Naturalist. Natural History Society, 315 Medical Arts Building, Minneapolis, Minnesota 55402. 4 times a year, \$4.00.
- Nature and Science. Natural History Press, Garden City, New York. Students, \$1.95 for 16 issues. Teacher's Editions, \$5.50 a year.
- Nature Study. American Nature Study Society, J. A. Gustafson, R.D. 1, Homer, New York 13077. \$5.00 a year. Quarterly.
- Our Environment. Issues for Today Series. Pamphlets. Readers Digest Services.
- Outdoor Education. George W. Donaldson, Editor. Box 299, Oregon, Illinois 61061.
- Population Bulletin. Population Reference Bureau, 1755 Massachusetts Avenue, N.W., Washington, D.C. 20036. \$3.00 a year.
- Ranger Rick's Nature Magazine. National Wildlife Federation, 1412 Sixteenth Street, N.W., Washington, D. C. 20036. 10 issues a year, \$6.00.
- Science. American Association for the Advancement of Science, 1515 Massachusetts Avenue, N.W., Washington, D. C. 20005. Weekly, \$16.00 a year.
- Science News. Subscription Department, 231 West Center Street, Marion, Ohio 43302. Weekly, \$10.00 a year.
- Scientific American. 415 Madison Avenue, New York, New York 10017 Monthly, \$10.00 a year.
- TEEM. Teachers Environmental Enrichment Materials. T.E. Denison and Company, Inc., 5100 West 82nd Street, Minneapolis, Minnesota 55431. 9 Issues a year, \$12.50.

The Living Wilderness. Wilderness Society, 729 15th Street, N.W., Washington, D. C. 20005. Quarterly.

The Sierra Club Bulletin. Sierra Club, 1050 Mills Tower, San Francisco, California 94104. Monthly, \$5.00 annually.

Other national periodicals which frequently carry environmental articles:

American Heritage  
American Institute of Biological Sciences Journal  
American Scientist  
Art Education Journal  
Atlantic Monthly  
Behavior and Environment  
Environmental Science and Technology  
Harper's  
Life  
National Academy of Sciences Bulletin  
National Parks and Conservation Magazine  
Natural History  
Newsweek  
New Yorker  
New York Times Magazine  
Outdoor Life  
Saturday Review  
Society of Civil Engineering Journal  
Society of Natural Resources Journal  
Sports Afield  
Sports Illustrated  
Summit Magazine  
Time

SECTION E

Environmental Education

Sources of Free and Inexpensive  
Materials

A. B. Dick. 5700 Touhy Ave., Chicago, Illinois 60648  
Air Pollution dittos #70-132. Complimentary to teachers.

Agricultural Research Service. Federal Center Building,  
Hyattsville, Md. 20782

Allied Chemical Corp. Public Relations Department,  
40 Rector Street, New York City 10006

The Aluminum Association. 420 Lexington Avenue,  
New York City 10017

American Conservation Association, Inc. 30 Rockefeller Plaza,  
New York City 10020

American Education Publications. Education Center,  
Columbus, Ohio 43216

No. 341	Science in City and Suburbs	
342	Secrets of the Sea	Grades 7-9
347	The Earth and Its Story	
357	What Insect is That?	
362	Our Polluted World	
364	Physical Geography	Grades 7-12
370	The Conservation Story	

\$.35 each

American Forestry Association. 919 17th Street, N. W.,  
Washington, D. C. 20006

American Forest Institute. 1835 K Street, N. W.,  
Washington, D. C. 20006

American Medical Association. 535 North Dearborn Street,  
Chicago, Illinois 60610

American Oil Company. 910 S. Michigan Avenue,  
Chicago, Illinois 60680

American Paper Institute. 260 Madison Avenue,  
New York City 10016  
"The Paper Industries Part in Protecting the  
Environment" Free.

American Petroleum Institute. Committee on Public Affairs,  
1271 Avenue of the Americas, New York City 10020  
"Clearing the Air"  
"Conserving Our Waters and Clearing the Air"

- American Waterworks Association. 2 Park Avenue,  
New York City 10016  
"The Story of Water Supply"
- Boy Scouts of America. National Council, New Brunswick,  
New Jersey 08903
- Camp Fire Girls, Inc. 65 Worth Street, New York City 10013
- California Redwood Association. 567 Sacramento Street,  
San Francisco, California
- Camden County Extension Service. 152 Ohio Avenue,  
Clementon, New Jersey 08021
- Channing L. Bete Co., Inc. 45 Federal Street,  
Greenfield, Massachusetts 01301  
"Needed - Clean Air"  
"Needed - Clean Water"  
"It's a Dirty Old World"
- Citizens for Clean Air. 502 Park Avenue, New York City,  
10016
- Coca Cola Bottling Company. 425 E. 34th Street,  
New York City
- Concern, Inc. 2100 M. Street, N. W., Washington, D. C.,  
20047  
"Eco Tips" - One page card  
Consumer habits which reflect concern for the  
environment. \$5.00 per 100.
- Curriculum Development Council for Southern New Jersey.  
Glassboro State College, Glassboro, New Jersey 08028  
"Focus on Environmental Education" Resource Book.  
\$2.00.
- The Conservation Education Association. 1250 Connecticut  
Avenue, N. W., Washington, D. C. 20036
- Conservation and Environmental Studies Center. Box 2230,  
R. D. #2, Browns Mills, New Jersey 08015
- The Conservation Foundation. 1717 Massachusetts Avenue,  
Washington, D. C. 20036  
Booklets and Reprints  
"Your Right to Clean Air - A Manual for Citizen  
Action" 96 pp. Free.  
"An Environment Fit for People" 28 pp. \$.20 for 50  
copies  
"Challenge to Youth" Free  
"America the Beautiful"

Continental Can Company. 633 Third Avenue, New York City  
10017

Delaware-Raritan Tuberculosis and Respiratory Disease Assoc.  
Alexander Road, Princeton, New Jersey

Delaware River Basin Association. 25 Scotch Road, Box 360,  
Trenton, New Jersey 08603

Environmental Protection Agency. Water Quality Office,  
Public Information, Room 702, 1626 K Street, N. W.,  
Washington, D. C. 20460

Ex-Cell-O Corporation. P. O. Box 386, Detroit, Michigan  
48232

Federal Water Pollution Control Administration. Office of  
Public Information, Crystal Mill, 1921 Jefferson Davis  
Highway, Arlington, Virginia 22022  
"About Boats and Water Pollution"  
"A New Era for America's Waters"  
"Showdown for Clean Water"

Ford Motor Company. Educational Affairs Department,  
The American Road, Dearborn, Michigan 48121

The Garden Club of America. 598 Madison Avenue,  
New York City 10022

General Federation of Womens Clubs. 1734 North Street, N. W.,  
Washington, D. C. 20036

General Motors Corporation. Public Relations Staff,  
Detroit, Michigan 48202  
"Progress Toward Pollution Free Cars"

Girl Scouts of the United States of America. 830 Third  
Street, New York City 10022

Glass Container Manufacturers Institute. Public Affairs  
Department, 330 Madison Avenue, New York City 10017  
"The Litter Fact Book"  
"The Solid Waste Fact Book"

High Rock Park Conservation Center. Nevada Avenue,  
Staten Island, New York 10306  
Individual Study Units for Grades 1-12. \$.25 each.  
Write for details.

Humble Oil and Refining Company. Public Relations Department,  
Room 4190, P. O. Box 2180, Houston, Texas 77001  
"You Can Help Keep Air and Water Clean"

Industrial Forestry Association. 1410 S. W. Morrison Street,  
Portland, Oregon 97205

The Izaak Walton League of America. 1326 Waukegan Road,  
Glenview, Illinois 60025

Keep America Beautiful, Inc. 99 Park Avenue, New York City  
10016

League of Women Voters of New Jersey. 460 Bloomfield  
Avenue, Montclair, New Jersey 07042

Manufacturing Chemists Association. 1825 Connecticut Avenue,  
N. W., Washington, D. C. 20009  
"Everyday Facts About Good Water"

Massachusetts Audubon Society. Lincoln, Massachusetts 01773  
Environmental Education Bibliography for:  
Pre-school - Grade 3; Grades 4-6;  
Grades 7-9 \$.50 each.

Metropolitan Life Insurance Company. 1 Madison Avenue,  
New York City 10010. Health Bulletin for Teachers.  
"Troubled Waters" Vol. XXIX, No. 3, 1965.

NASA. Scientific and Technical Information Facility,  
P. O. Box 33, College Park, Maryland 20740

National Air Pollution Control Administration. 801 North  
Randolph Street, Arlington, Virginia 22203

National Association of Secondary Material Industries, Inc.  
330 Madison Avenue, New York City 10017  
"Guidelines for Effective Recycling"  
"Information About Recycling Resources"

National Association of Conservation Districts. P. O. Box 855,  
League City, Texas 77573

National Audubon Society. Educational Services Department,  
1130 Fifth Avenue, New York City 10028  
Conservation fact sheets.  
"Meaning of Conservation," "Air Pollution," "Water  
Pollution," "Noise Pollution," "Population," "Solid  
Waste," "Thermal Pollution," "Endangered Species,"  
"Pesticides," "99 Suggestions for Action," Bibliography.  
Write for catalogue of prices.

National Education Association. 1201 Sixteenth Street, N. W.,  
Washington, D. C. 20036

National Wildlife Federation. 1412 Sixteenth Street, N. W.,  
Washington, D. C. 20036  
"National Environmental Quality Index"  
"Environmental Education" -\$ .10 each  
"Students and Teachers! You're Where  
the Action Is"  
"Environmental Action Ideas"

New Jersey Department of Agriculture. P. O. Box 1888,  
Trenton, New Jersey 08625

New Jersey Department of Environmental Protection.  
Labor and Industry Building, Box 1390, Trenton,  
New Jersey

New Jersey Department of Education. Consultant,  
Environmental Education, Division of Curriculum  
and Instruction, P. O. Box 2019, Trenton,  
New Jersey 08625

New Jersey State Council for Environmental Education.  
Montclair State College, Upper Montclair,  
New Jersey 07043

New York Conservation Department. State Office Building  
Campus, Albany, New York 12226

Pinchot Institute for Conservation Studies.  
Milford, Pennsylvania 18337

Pollution Control Education Center. Union Public Schools,  
2369 Morris Avenue, Union, New Jersey 07083

Public Affairs Pamphlets. 381 Park Avenue, South,  
New York City 10016  
398 - "Poverty in the U.S.A."  
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Publications Distribution Office of Solid Waste Management  
Program. 5555 Ridge Avenue, Cincinnati, Ohio 45213  
"Refuse and Litter Control in Recreation Areas" No. 40  
"American Composting Concepts" No. 169  
"Refuse of Solid Waste" No. 119  
"Plastic Waste in the Coming Decade" No. 179

Resources for the Future. 1755 Massachusetts Avenue, N. W.,  
Washington, D. C. 20036

Reynolds Metals Company. Public Relations Manager, 6601 West  
Broad Street, Richmond, Virginia 23261  
"Questions and Answers About Aluminum Can Recycling"  
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Rocky Mountain Center on Environment. 5850 East Jewell  
Avenue, Denver, Colorado 80222

Scientists Institute for Public Information. 30 East 68th  
Street, New York City 10020  
"Air Pollution," "Environmental Costs of Electrical  
Power," "Environmental Education - 1970," "Hunger,"  
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Technology," "Water Pollution," "Nuclear Explosives  
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Shell Oil Company. 50 West 50th Street, New York City  
10020

Soil Conservation Service. 1370 Hamilton Street, Box 219,  
Somerset, New Jersey 08873

Soil Conservation Society of America. 7515 N. E. Ankeny  
Road, Ankeny, Iowa 50021

Sport Fishing Institute. Suite 503, 719 13th Street, N. W.,  
Washington, D. C. 20005

St. Regis. 150 E. 42nd Street, New York City 10017

Superintendent of Documents. Government Printing Office,  
Washington, D. C. 20402  
"Controlling Pollution" \$.25  
"Toward More Rational Use of the Land" \$.25  
"Emerging Problems" \$.30

Tennessee Valley Authority. Information Office,  
Knoxville, Tennessee 37902

United States Atomic Energy Commission. P. O. Box 62,  
Oak Ridge, Tennessee 37830

United States Department of Agriculture. Soil Conservation  
Service, Washington, D. C. 20250

United States Department of Health, Education and Welfare.  
Public Health Service, Environmental Health Science,  
Rockville, Maryland 20852  
"The Sources of Air Pollution and Their Control"  
"Working Toward a Better Environment"  
"The Citizens Role in Air Pollution"  
"Clean Air for Your Community"



United States Department of Health, Education and Welfare.  
Office of Consumer Affairs, CEIO  
Food and Drug Administration, 5600 Fisher Lane,  
Rockville, Maryland 20852

United States Department of Agriculture. Forest Service,  
Washington, D. C. 20025

United States Department of the Interior.

Bureau of Land Management

Interior Building, C. Street, Washington, D. C. 20240

Federal Water Pollution Control Administration

Washington, D. C. 20240

Fish and Wildlife Service

Washington, D. C. 20240

Geological Survey

G.S.A. Building, Washington, D. C. 20240

National Park Service

Division of Information, Washington, D. C. 20240

Office of Oil and Gas

Washington, D. C. 20240

Bureau of Outdoor Recreation

Division of Information, Washington, D. C. 20240

United States Department of Transportation. Office of  
Environmental Policy, FHWA, Washington, D. C. 20591

Washington Distribution Section. Geological Survey,  
Washington, D. C. 20240  
Topographic Maps. Write for Index - New Jersey.

Western Wood Products Association. Yeon Building,  
Portland, Oregon 97204

Weyerheuser Company. Box A-69, Tacoma, Washington 98401

Wildlife Management Institute. 709 Wire Building,  
Washington, D. C. 20005  
"Wildlife - The Environmental Barometer"

SECTION F  
FILM GUIDE  
FOR  
ENVIRONMENTAL EDUCATION

Key to Symbols

Grade Levels

- P - Kindergarten to grade 3
- I - Grades 4-6
- J - Grades 7-9
- S - Grades 10-12
- C - College
- A - Adult

Environmental Topics

- A - Environment, General
- B - Ecology
- C - Resources - General
- D - Land and Minerals
- E - Atmosphere
- F - Wilderness, Natural Areas, Wildlife
- G - Water and Oceans
- H - Pollution - General
- I - Air Pollution
- K - Solid Waste
- L - Pesticides and Chemicals
- M - Noise
- N - Energy
- O - Radiation
- P - Transportation
- Q - Population - Urban Problems
- R - Action Plans

Above the Timberline (The Alpine Tundra Zone) Color 17 minutes

Describes the balance of nature which is established by the climatic conditions in the Alpine Tundra belt of the Canadian Rockies. No. 00030 FREE  
I,J,S,C,A. New Jersey State Museum

Adelie Penguins of the Antarctic. Color 23 minutes

Life history of these amusing and unusual birds of the Antarctic; courtship ceremonies; nest building; protection against predatory birds and sea lions, search for food. No. 00080 FREE  
I,J,S,C,A. New Jersey State Museum

Adventures of Junior Raindrop Color 10 minutes

Animated Cartoon of raindrop's visit to earth. Shows the need for promotion of good watershed management practices. No. 00090  
I,J,S,A. New Jersey State Museum

Adventure Rivers Color 27 minutes

Adventures by raft down several famous rivers. No. F-705 FREE  
J,S,C,A. Association-Sterling Films

Altered Environments: An Inquiry into the American Wildlands  
Color 10 minutes

Man's exploitation of wildlands and Natural Resources. Rental \$8.00  
P,I,J. B.F.A.

American Bald Eagle Color 16 minutes

Habits of the eagle and dangers to the specie. FREE No. 00389  
All New Jersey State Museum

A Mountain Day Color 9 minutes

The natural beauty of a mountain environment. Rental \$6.00  
All Arthur Barr Productions

Animal Adaptations In A Northern Environment. Color 11 minutes

Animals in the Arctic Tundra and how they adapt to a changing environment. Rental \$8.00  
All BFA

- An Island In Time Color 28 minutes  
 The immense variety of our first National Seashore on the Pacific Coast. American seashores have been neglected and left to poorly regulated private development. The National Seashore system and its purposes. No. S-556 Rental \$5.00  
 J,S,C,A. Association-Sterling Films
- A Plague On Your Children Color 72 minutes  
 Chemical and Biological Weapons Rental \$40.00  
 S,C,A. Time - Life
- A Proper Place - Keep America Beautiful Color 8 minutes  
 J,S,C,A. No. F916 FREE Association-Sterling Films
- Arteries of Life Color 9 minutes  
 The interrelationship of water and forests in supplying life giving moisture to top soil. Picture what happens when forests are destroyed and water is no longer stored in the ground. No. 00650 FREE  
 J,S,C,A. Film Images
- A Search For Ecological Balance Color 38 minutes  
 Ecology and Environmental Education. Rental \$25.00  
 J,S,C,A. Film Images
- At Home - 2001 Color 30 minutes  
 The complexities of a self sufficient home of the future.  
 No. 3005 FREE  
 J,S,C,A. Modern Talking Pictures
- A Time for Searching Color 22 minutes  
 Dramatizes the importance of agricultural research in assuring a continuing supply of food for our growing population. No. 1698 FREE  
 J,S,C,A. Modern Talking Picture
- A Trip From Chicago Color 30 minutes  
 Vehicles of the Future. No. 3003 FREE  
 J,S,C,A. Modern Talking Picture
- Audubon and the Birds of America Color 16 minutes  
 The life and works of John James Audubon. No. 00730  
 FREE  
 I,J,S,C. New Jersey State Museum

Bald Eagle Color 37 minutes  
Shows the dwindling Bald Eagle in its last strongholds -  
Alaska and Florida. No. 00870 FREE  
J,S,C,A. New Jersey State Museum

Before The Mountain Was Moved Color 58 minutes  
Two part film about careless mining practices. Rental \$50.00  
S,C,A. McGraw-Hill

Between the Tides Color 22 minutes  
Shows the plant and animal life found in rock pools and  
and shallow waters. No. 01020 FREE  
J,S,C,A. New Jersey State Museum

Biography of A City Color 20 minutes  
Trenton, New Jersey - Its Story. No. 01090 FREE  
J,S,A. New Jersey State Museum

Bird Identification Color 12 minutes  
Former childrens curator at the Kansas City Museum  
discusses bird identification. Part I - No. 01110,  
Part II - No. 01120. FREE  
All New Jersey State Museum

Birds of Prey B/W 11 minutes  
Portrays nest life and other activities of representative  
species. No. 01150 FREE  
I,J,S,C. New Jersey State Museum

Birth of a Volcano B/W 10 minutes  
Birth and development of the Mexican Volcano Paracutin.  
No. 01190 FREE  
J,S,C. New Jersey State Museum

Birth of the Soil Color 11 minutes  
How topsoil is produced from rock, water, air and  
sunlight over a period of many centuries. No. 01180  
FREE  
I,J. New Jersey State Museum

Breath of Spring Color 23 minutes  
British Columbia. Film shows the seasonal magic. - the  
awakening earth warmed by Pacific breezes, meadows of  
wildflowers, and geese and ducks turning north.  
No. 01460 FREE  
I,J,S. New Jersey State Museum

Briefly about Fallout

Color

9 minutes

Employing both live action and animation to show the nature of radioactive fallout and its effect on life.

No. 01475

FREE

J,S,C,A.

New Jersey State Museum

Boomsville

Color

10 minutes

About man and his city environment. Rental \$15.00

I,J.

Learning Corp of America

Canyon Country

Color

14 minutes

Descriptive tour of the Grand Canyon emphasizing that dimensions and facts relevant to the canyon do not reveal the true story. No. 01700

FREE

I,J.

New Jersey State Museum

Cave Ecology

Color

15 minutes

The interrelationships of living things. Rental \$17.50

I,J,S,C,A.

Centron Ed. Films

Challenge of the Oceans

Color

27 minutes

Examines the variety of currents, relationship of oceans to weather and climate; composition of sea water; topography of ocean bottom. No. 01360

FREE

J,S,C.

New Jersey State Museum

Cities of the Future

Color

30 minutes

Studies the problems man must face to avoid having the city become a disorganized, unimaginative megalopolis.

No. 3011

FREE

J,S,C,A.

Modern Talking Picture

Cities, Why They Grow.

Color

12 minutes

Illustrates reasons for growth of cities. No. 02180

FREE

J,S,C,A.

New Jersey State Museum

Colorado River

Color

10 minutes

River cutting across Colorado, Utah, and Arizona. Contrasts river's natural state with parts dammed to provide electric power and irrigation water. No. 02280

FREE

I,J,S.

New Jersey State Museum



Eternal Forest                      Color                      21 minutes

Narrated by Gregory Peck; film deals with man and his environment - specifically the forests and woodlands.  
No. 03365      FREE  
I,J,S,C,A.      New Jersey State Museum

Face of Disaster                      B/W                      11 minutes

Highlights of some of our recent major disasters; the great Alaskan Earthquake, floods, tornadoes in the midwest. No. 03430      FREE  
J,S,C,A.      New Jersey State Museum

Fallout and Agriculture                      Color                      23 minutes

Discusses and illustrates radio-active elements and their relationships to crops. No. 03540      FREE  
J,S,C.      New Jersey State Museum

Flood Weather                      Color                      30 minutes

Government forecasts weather conditions for river navigation and flood protection. No. 03930      FREE  
J,S,C,A.      New Jersey State Museum

Forest Babies                      Color                      12 minutes

Shows baby bears, badgers, fawn, rabbits, skunks, woodchucks and coyotes in natural setting.  
No. 04070                      FREE  
P,E,I.                      New Jersey State Museum

From The Face of the Earth                      Color                      16 minutes

Excellent science fiction story about pollution. Rental \$20.00  
I,J,S.                      King Science Productions

Garbage                      Color                      10½ minutes

The Solid waste problem. Rental \$15.00  
All                      King Science Productions

Glenn Canyon                      Color                      29 minutes

The Glenn Canyon Story. Plea for sensible conservation practices. Rental \$5.00  
J,S,C,A.                      Association-Sterling Films

Good Life                      Color                      20 minutes

Film covers the story and development of urban New Jersey. New Jerseys place in megalopolis is made quite evident.  
No. 04525      FREE  
All                      New Jersey State Museum



Grassland Ecology - Habitat and Change Color 13 minutes

Illustrates the interactions of living things. Rental \$17.50  
I,J,S,C. Centron Ed. Films

Heritage of Spendor Color 18 minutes

A plea to "Keep America Beautiful." No. 5336 FREE  
J,S. Association-Sterling Films

Homes Around The World Color 11 minutes

Describes the different kinds of houses found in the  
various climates of the world and emphasizes the effect  
of environment upon these structures. No. 04920 FREE  
P,I,J. New Jersey State Museum

How Birds Help Us Color 11 minutes

Birds help to man by providing food, destroying harmful  
insects, rodents, etc. No.05000 FREE  
P,I. New Jersey State Museum

How Insects Help Us Color 11 minutes

Two boys learn about many useful insects. Values of  
insects, to man. No. 05050 FREE  
P,I. New Jersey State Museum

How Trees Help Us Color 10 minutes

Presents the importance of trees to humans and to animals.  
No. 05210 FREE  
P,I. New Jersey State Museum

I Like Trees Color 9 minutes

Trees and their importance in various environments.  
Rental \$15.00  
P,I. Aims

I Like Water Color 8 minutes

Water and its importance in nature. Rental \$15.00  
P,I. Aims

In A Box B/W 5 minutes

Man - trapped in a box. Rental \$10.00  
I,J,S,C,A. Learning Corp of America

In Pursuit of Happiness Color 25 minutes

Innovative uses of wood to cope with mans increasing  
demand for land and living space. No. 4096 FREE  
J,S,C. Modern Talking Pictures







New Guidelines for the Well Landscaped Home Color

Outlines in simple terms and clearly visualizes the things one should know before undertaking a landscape project.

No. 07700 FREE  
J,S,A. New Jersey State Museum

Noble Venture Color 28 minutes

A vital area of conservation - the protection and propagation of exotic game. No. 4059 FREE  
J,S,C. Modern Talking Picture

No Deposit - No Return Color 10 minutes

The condition of the land and the people who live on it. Rental \$15.00  
J,S,C,A. Centron Ed. Films

No Room for Wilderness? Color 26 minutes

The threat to wilderness areas. Rental \$5.00  
No. 5731  
I,J,S. Association-Sterling

No Time To Waste Color 13½ minutes

How the diesel engine works and how it was modified to low pollution performance. No. 4243 FREE  
J,S. Modern Talking Picture

Number One Bush Color 22 minutes

Timber harvesting, reforestation, resource usage, and paper making. Beautiful photography. No. 3920 FREE  
J,S,C,A. Modern Talking Picture

Once There Was A World Color 10 minutes

An interesting film about population and the population explosion.  
S,C,A, No. 07996 New Jersey State Museum

Our Land Needs Your Help Color 13 minutes

How young people can get involved and help in solving environmental problems. Rental \$8.00  
P,I,J. Arthur Barr Productions

Our Land, Its Many Faces Color 14 minutes

The conservation movement since the time of Jefferson. FREE  
No. 08130  
I,J,S. New Jersey State Museum

- Our Poisoned World-Pesticides Color 30 minutes  
Pesticides and biological magnification.  
I,J,S,C,A. Rental \$30.00 Time-Life
- Our Poisoned World - Water Color 30 minutes  
The story of Lake Michigan. Rental \$30.00  
I,J,S,C,A. Time-Life
- Our Vanishing Wilderness: Of Broccoli and Pelicans and Celery and Seals Color 30 minutes  
Pesticides and their effect on Plants and Wildlife.  
Rental \$11.50  
I,J,S,C,A. Indiana University
- Our Vanishing Wilderness Prudhoe Bay or Bust Color 30 minutes  
The Trans-Alaska oil pipeline. Rental \$11.50  
I,J,S,C,A. Indiana University
- Our Vanishing Wilderness-Slow Death Of Desert Water Color 30 minutes  
Reflections of a game warden on a lake in a desert area.  
Rental \$11.50  
I,J,S,C,A. Indiana University
- Our Vanishing Wilderness: The Prairie Killers Color 30 minutes  
Prey-predator relationships on the prairie. Rental \$11.50  
I,J,S,C,A. Indiana University
- Our Vanishing Wilderness: The Water Is So Clear A Blind Man Can See Color 30 minutes  
American Indians living in harmony with the land. Rental \$11.50  
J,S. Indiana University
- Paradise Lost Color 4 minutes  
Air Pollution and its threat to living things (cartoon form)  
Rental \$15.00  
P. Benchmark Films
- Patterns of the Wild Color 20 minutes  
Through the eyes of a fox, you see that wildlife does not merely live in a forest but is part of its structure.  
Outstanding wildlife photography. FREE No. 08401  
P,I,J,S,A. New Jersey State Museum

Pests or Plenty Color 13 minutes

Farmers need for safe, effective pest control techniques; shows variety of techniques and tools for protecting crops. FREE No. 08500  
S,A. New Jersey State Museum

Population and Pollution Color 17 minutes

All of the environmental problems confronting society are discussed. Rental \$12.50  
J,S,C,A. International Film Bureau

Problems of Conservation: Our Natural Resources Color 11 minutes

Our resource crises. Rental \$8.00  
J,S,C,A. Encyclopedia Ed. Corp.

Protection Against Nuclear Radiation Color 9 minutes

Describes the protection measures to reduce the hazards of nuclear radiation. FREE No. 09045  
S,C,A. New Jersey State Museum

Pure Water and Public Health Color 28 minutes

Water, making it safe, how a water supply system works, and possible future water shortages in the U.S. FREE  
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Redwoods-Saved? Color 3½ minutes

The continuing threat to the Redwoods. Rental \$8.00  
No. S719 J,S,C,A. Association-Sterling

River, Where Do You Come From? Color 10 minutes

The life history of a river - Excellent photography and music. Rental \$10.00 P,I,J,S,A. Learning Corporation of America

Rocks and Minerals Color 11 minutes

Illustrates the formation of the various kinds of rocks and the ways they can be classified. FREE No. 09570  
I,J. New Jersey State Museum

- Run Around Color 17½ minutes  
 Clever, satiric talk; imaginatively and entertainingly discusses a search for resources responsible for polluting the air. FREE No. 09655  
 S,C,A. New Jersey State Museum
- San Francisco Bay Color 28 minutes  
 The beauty and problem of the Bay and a strong plea for its preservation. FREE S-178  
 I,J,S,C,A. Association-Sterling Films
- Sea Coast Color 11½ minutes  
 Interdependence of living things in a seacoast environment. Rental \$15.00 I,J,S,C,A. AV-ED Films
- Science of the Sea Color 19 minutes  
 Describes the relationship of the ocean to man's life, food, and water. Uses animation and live action photography. FREE No. 09850  
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- Small Wilderness Color 30 minutes  
 Wildlife in a small wilderness in the delta region of the Rhone River in France. Rental \$30.00  
 I,J,S,C,A. Time-Life
- Snakes: Second Edition Color 11 minutes  
 Reviews the general characteristics of snakes and explains their method of locomotion, eating habits, eye structure, poisonous snakes. FREE No. 10260  
 I,J,S. New Jersey State Museum
- Snakes Can Be Interesting Color 10 minutes  
 Value of snakes, how to distinguish poisonous from non-poisonous. FREE No. 10280  
 I,J. New Jersey State Museum
- Soil and Water Conservation B/W 10 minutes  
 Demonstrates conservation farming methods necessary to protect water and soil resources. FREE No. 10370  
 I,J. New Jersey State Museum
- Soundings: On the Future of San Francisco Bay Color 13½ minutes  
 San Francisco Bay - recommendations for development and protection. FREE No. F 316 J,S,C,A. Association-Sterling



Spring Comes Again: A Story for Four Seasons Color 10 minutes

The water cycle and its importance to all life and the characteristics and purpose of the 4 seasons. FREE  
P,I,J. New Jersey State Museum

Streams Color 15 minutes

Story of a stream and the myriad of plants and animals whose presence shapes its characteristics. FREE  
I,J,S,C,A. No. 10740 New Jersey State Museum

The Aging Of Lakes Color 14 minutes

Mans influence in the natural process of the aging of lakes. Rental \$9.00 I,J,S. Encyclopaedia Brittanica

The Ark Color 20 minutes

Interrelationships of man and the natural environment. Rental \$20.00 I,J,S.C.A. Arthur Barr Prod.

The Ballad of Trees Color 25 minutes

American forests - products, recreation, and aesthetic values. FREE J,S,C,A. No. 4241 Modern Talking Pictures

The Case Against Chicken Little Color 15 minutes

How people government and industry can work together to improve the environment. FREE No. 4378  
J,S,C,A. Modern Talking Pictures

The Challenge of Six Billion Color 27½ minutes

Illustrates that modern technology has the capability to harness the earth's natural resources, increase food, and find answers to our growing urban-industrial societies. FREE No. 4171 Modern Talking Pictures

The Changing Forest Color 18 minutes

Depicts the development of a forest with emphasis upon the evolutional and biological aspects of life. FREE No. 01880 S,C,A. New Jersey State Museum

The Crowd B/W 20 minutes

Overpopulation and mental health. Rental \$10.00  
J,S,C,A. Learning Corp of America





<u>The Paper Forest</u>	Color	28½ minutes
The modern science of the tree farmer, the logger, and machinery used in paper making. FREE No. 2593 J,C,A. Modern Talking Pictures		
<u>The Poisoned Planet</u>	Color	19 minutes
The pesticide problem in America. Rental \$24.00 J,S,C,A. McGraw-Hill		
<u>The Race Is Losing</u>	Color	30 minutes
The air, water, and solid waste problem. Rental \$30.00 J,S,C,A. Time-Life		
<u>The Redwoods</u>	Color	20 minutes
Redwoods National Park - A journey. Rental \$5.00 J,S,C,A. No. S541 Association-Sterling		
<u>The Redwood Tree</u>	Color	15 minutes
Introduces the Redwood Tree, one of the ancient plant forms of the world. FREE No. 09340 J,S,C. New Jersey State Museum		
<u>The Restless Sea</u> (2 Parts)	Color	50 minutes
Describes the composition of seawater, tides, waves, currents, plant and animal life in the sea. New techniques of studying the sea floor. FREE No. 09480 J,S,C. New Jersey State Museum		
<u>The Tragedy of Commons</u>	Color	23 minutes
Overpopulation and the use of natural resources. Rental \$35.00 J,S,C,A. King Science Productions		
<u>There Will Be A Slight Delay</u>	Color	28 minutes
A look at America's transportation problems. FREE S,C,A. No. 4184 Modern Talking Pictures		
<u>The Second Side</u>	Color	14½ minutes
Approaches to curbing Solid Waste problems. FREE J,S,C,A. No. 4141 Modern Talking Pictures		
<u>The Shadow Of Progress</u>	Color	26 minutes
An examination of our technological, affluent age. FREE No. 4230 Modern Talking Pictures		



- Toward Cleaner Air                      Color                      15 minutes  
 How industry is cooperating with local governments to help combat Air Pollution. FREE      No. F 701  
 S,C,A                      Association-Sterling
- Treehouse                      Color                      9 minutes  
 Man, his culture, his environment and the proper use of resources. Rental \$15.00  
 I,J,S,C,A.                      King Science Productions
- Trees: Their Importance To Man                      Color                      14 minutes  
 Fosters an appreciation for trees and how they have been important to man. Rental \$8.00  
 P,I,J.                      AV-Ed
- Trek To The Tetons                      Color                      22 minutes  
 A trip through the Tetons in Wyoming, its natural wonders and wildlife. FREE      No. S 443  
 J,S,A.                      Association-Sterling
- Turn Off Pollution                      Color                      11 minutes  
 Students involved with improving the environment. Rental \$8.00      P,I.      Encyclopaedia Britannica
- Two Deserts - Sahara and Sonora                      Color                      16 minutes  
 Characteristics of the deserts. Rental \$20.00  
 J,S,C.                      Learning Corp of America
- Two Mountainlands - Alps and Andes                      Color                      15 minutes  
 People and their interaction and interdependence with the land. Rental \$20.00      J,S,C,A.  
 Learning Corp. of America
- Two Yosemite                      Color                      10 minutes  
 The tragedy of the lost Yosemite. Rental \$5.00  
 J,S,C,A.                      No. S 560                      Association-Sterling
- Unchained Goddess                      Color                      59 minutes  
 Describe the winds, clouds, rain, lightning and the forces of nature that provides us with weather. FREE  
 J,S.                      No. 11550                      New Jersey State Museum
- Understanding the Earth: How Its Surface Changes      B/W 11 minutes  
 Forces which build up and wear down the earth's surface over long periods of time. FREE      No. 11600  
 I, J.                      New Jersey State Museum

Unseen Journey Color 28 minutes

How oil is brought to the surface and transported. FREE  
No. S 389 J,S. Association-Sterling

Wasted Woods Color 15 minutes

The savage destruction of a forest. Rental \$5.00  
J,S,C,A. No. S 562 Association-Sterling

Water Color 14 minutes

Animation, still, and live action photographs to point  
out the many water problems found throughout the world.  
FREE No. 3830 J,S,C. Modern Talking Pictures

Water Color 27 minutes

Excellent film that explores the esthetic and practical  
use of water. FREE No. 3830  
J,S,C,A. Modern Talking Pictures

We Explore the Stream Color 10 minutes

Describes the characteristic elements of a stream  
environment. FREE No. 12000  
P,E,I. New Jersey State Museum

What Ecologists Do Color 15½ minutes

An excellent description of the ecologist and his work.  
Rental \$21.00 I,J,S,C,A. Centron Ed. Films

What It Takes Is Time Color 14 3/4 minutes

Drugs, antibiotics and other chemicals found in meat;  
methods of detecting and analyzing. FREE No. 3946  
J,S,C,A. Modern Talking Pictures

Whats Under the Oceans Color 14 minutes

Uses animation, models, and live action photography to  
picture the methods used by man to explore the ocean  
depths. FREE No. 12160  
I,J,S. New Jersey State Museum

Whiteface of Yellowstone Color 27 minutes

A tour of Yellowstone, its natural wonders and wildlife.  
FREE No. 2371 J,S,A. Association-Sterling

Wilderness Alps of Stehekin Color 30 minutes

A trip through the Northern Cascades of Washington.  
Rental \$5.00 S-563 J,S,C,A. Association-Sterling

- Wilderness River Trail                      Color                      28 minutes
- A study of Dinosaur National Monument and its threatened rivers. Rental \$5.50      No. S 564  
J,S,A.                      Association-Sterling
- Wilderness Trail                                  Color                                  14 minutes
- Pack trip into Bridges Wilderness area in Wyoming. Care and protection of natural state of reservation.      FREE  
I,J,S,C,A.                      No. 12310                      New Jersey State Museum
- World In A Marsh                                  Color                                  22 minutes
- Extreme close-up photography to present a miniature world of natural adaptation to the environment.      FREE  
No. 12570                      S,C.                      New Jersey State Museum
- World Is Born    Color    20 minutes
- Biography of the first 2 billion years of planet earth.  
FREE      No. 12580      I,J,S,C,A.      New Jersey State Museum
- Yosemite National Park                          Color                                  19 minutes
- Its geology, history, and beauty.      FREE      No. 12660  
P,I,J,S,A.                      New Jersey State Museum





PG	P	I	J	S	C	A	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
							Birds of prey	X				X												
				X	X	X	Birth of A Volcano	X		X														
				X	X		Birth of the Soil		X	X														
				X	X	X	Breath of Spring	X	X															
				X	X	X	Briefly About Fallout															X		
				X	X		Boomsville	X															X	
				X	X		Canyon Country				X													
				X	X	X	Cave Ecology	X																
				X	X		Challenge of the Oceans					X												
				X	X	X	Cities of the Future					X	X											
				X	X	X	Cities, Why They Grow	X				X												
				X	X		Colorado River					X												
				X	X	X	Conquering the Sea	X																
				X	X		Conserving A Heritage							X										X
				X	X	X	Ecological Systems - Antarctica					X	X											
				X	X	X	Ecology - Checks and Balances	X																
				X	X	X	Ecology - Olympic Rain Forest	X																
				X	X	X	Ecological Probe - Planet Earth	X				X												
				X	X	X	Eggs	X					X											
				X	X	X	Environment	X																
				X	X	X	Eruption of Kilauea	X								X								X

PG	P	I	J	S	C	A	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
		X	X	X	X	X																	X	
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								X															X
			X	X	X	X	Later....Perhaps																
		X	X	X	X	X	Life In A Tropical Forest						X										X
		X	X				Lets Keep America Beautiful			X													
		X	X				Life Along the Waterways		X														
			X	X	X	X	Life In A Drop of Water		X														X
		X	X				Life In the Desert		X														
		X	X	X	X		Life In the Forest		X														
		X	X				Life In the Ocean		X														X
		X	X				Life In the Woodlot		X						X								
		X	X				Litter Monster			X													
		X	X	X	X	X	Man and the Machine		X														
			X	X			Man's Effect on the Environment			X	X												
		X	X	X	X	X	Man's Problem																X
		X	X	X	X	X	Men At Bay			X													
			X	X	X	X	Mineral King		X														
			X	X	X	X	Miners Ridge								X								
			X	X	X	X	Modern Mosquito Control																
			X	X			Modern Prospector				X												
		X	X	X	X	X	Multiply and Subdue																X
			X	X	X	X	Multiply and Subdue the Earth		X														
		X	X				Nature As A Top Hat																X
		X	X				Nature Next Door		X														
		X	X	X	X	X	Natures Plan		X														

PG	P	I	J	S	C	A	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
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																X								
	X	X					The Drowning Boy																	
			X	X	X		The Earth Will Blossom					X												X
			X	X	X		The Endless Search									X								
	X	X	X	X	X		The End of One	X						X										
	X	X	X	X	X		The Farm					X												
	X	X	X	X	X		The Forest	X			X													
	X	X	X	X	X		The Forever Living Forest	X			X													
	X	X	X				The Garbage Explosion										X							
	X	X	X	X	X		The Gifts									X								
	X	X	X	X	X		The Grand Canyon					X	X											
	X	X	X	X	X		The Human Element	X																
	X	X	X	X	X		The Last Frontier				X													
	X	X	X	X	X		The Leading Edge															X		
	X	X	X				The Litterbug										X							
	X	X	X	X	X		The Living Earth	X																
	X	X	X	X	X		The Mosquito Fighters											X						
	X	X	X				The Mountains	X				X												
	X	X					The Oceans: A First Film						X											
	X	X	X	X	X		The Paper Forest		X															
	X	X	X	X	X		The Poisoned Planet															X		
	X	X	X	X	X		The Race Is Losing							X										

PG	P	I	J	S	C	A	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
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Film Distributors

Aims Instructional Media Services  
P.O. Box 1010  
Hollywood, California 90028

Alfred Higgins Productions  
9100 Sunset Boulevard  
Los Angeles, California 90069

American Educational Films  
331 Maple Drive  
Beverly Hills, California 90210

Arthur Barr Productions  
P.O. Box 7-C  
Pasadena, California 91104

Association-Sterling Films  
600 Grand Avenue  
Ridgefield, New Jersey 07657

AV-ED Films  
7934 Santa Monica Boulevard  
Hollywood, California 90046

Benchmark Films  
145 Scarborough Road  
Briarcliff Manor, New York 10510

B.F.A. Educational Media  
2211 Michigan Avenue  
Santa Monica, California 90404

Centron Educational Films  
1621 W. 9th Street  
Lawrence, Kansas 66044

Coronet Films  
65 E. South Water Street  
Chicago, Illinois 60601

Encyclopaedia Britannica Educational Corporation  
425 N. Michigan Avenue  
Chicago, Illinois 60611

Film Images  
17 W. 60th Street  
New York, New York 10023

Fordham Publishing Company  
2377 Hoffman Street  
Bronx, New York 10458

Indiana University Audio-Visual Center  
Bloomington, Indiana 47401

International Film Bureau  
332 S. Michigan Avenue  
Chicago, Illinois 60604

King Screen Productions  
320 Aurora Avenue  
North Seattle, Washington 98109

Learning Corporation of America  
711 Fifth Avenue  
New York, New York 10022

McGraw-Hill Films  
330 W. 42nd Street  
New York, New York 10036

Modern Talking Picture Service  
315 Springfield Avenue  
Summit, New Jersey 07901

Neubacher-Vetter Film Productions  
1750 Westwood Boulevard  
Los Angeles, California 90024

New Jersey State Council for Environmental Education  
at Montclair State College  
Upper Montclair, New Jersey 07043

New Jersey State Museum \*  
Film Loan Service  
Trenton, New Jersey 08625

Pyramid Films  
Box 1048  
Santa Monica, California 90406

Scott Foresman and Company  
Film Distribution Center  
305 E. 45th Street  
New York, New York 10017

\*New Jersey State Museum Films

To order films from the State Museum, order forms must be used. For order forms, write to the State Museum or call 609-292-6313.

Science Research Associates  
259 E. Erie Street  
Chicago, Illinois 60611

Sterling Educational Films  
241 E. 34th Street  
New York, New York 10016

Stuart Finley Incorporated  
3428 Mansfield Road  
Falls Church, Virginia 22041

Time-Life Films  
43 W. 16th Street  
New York, New York 10011

Xerox Films  
Department 102  
High Ridge Park  
Stanford, Connecticut 06904

SECTION G  
PROGRAM AND MATERIALS EVALUATION CRITERIA FOR  
ENVIRONMENTAL EDUCATION \*

A.

- |     |   |     |    |
|-----|---|-----|----|
| 1.  | Materials are designed for (Circle grade(s):<br>Preschool 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 Grad   |     |    |
| 2.  | An interdisciplinary approach is utilized.  | Yes | No |
| 3.  | Materials are basically problem oriented.   | Yes | No |
| 4.  | Materials are designed to take advantage of the broadest possible education frame: integration of classroom and beyond classroom opportunities. | Yes | No |
| 5.  | Materials are designed with stated behavioral objectives in mind.   | Yes | No |
| 6.  | Materials provide teachers with other sources of materials and aids.  | Yes | No |
| 7.  | Materials are designed to be presented as a separate unit apart from other curriculum materials.  | Yes | No |
| 8.  | Material is directly geared to teacher use.   | Yes | No |
| 9.  | Material is directly geared to student use.   | Yes | No |
| 10. | Student experiences and activities are appropriate for students use in view of grade level in which material will be used.                      | Yes | No |

B. Checklist (Rating Scale)

- |                 |  |              |          |          |     |             |
|-----------------|--|--------------|----------|----------|-----|-------------|
| 5 - Outstanding | 4 - Strong   | 3 - Mediocre | 2 - Weak | 1 - Poor | N/A | Not Applic. |
| Material        |  |              | 5        | 4        | 3   | 2 1 N/A     |
| 1.              | is visually attractive   |              |          |          |     |             |
| 2.              | is sequential and easily flows from grade level to grade level |              |          |          |     |             |
| 3.              | stresses experiences that lead to positive value formation     |              |          |          |     |             |

\* After Dr. E. J. Ambry, revised and expanded by Louis A. Iozzi, Consultant in Environmental Education - New Jersey State Department of Education.

4. contains activities that develop positive styles for coping with environmental delemmas
5. is factually accurate
6. shows evidence of having been subjected to testing and have been modified on the basis of the results
7. is phrased in language easily understood by age level for which it is designed
8. can be integrated with other curriculum materials
9. leads student to seek the use of many sources of information
10. helps children learn to perceive environmental problems on their own
11. gets students involved in studying other peoples reactions to environmental delemmas
12. leads children to explore man -- his origins, his potentials, and his failings as a species
13. helps students develop understanding of basic ecological concepts
14. stresses and help students to develop an understanding of the interrelated nature of environmental education
15. leads to realistic student action projects
16. encourages examination of the potential consequences of actions
17. stimulates group communication, activity, and cooperation
18. emphasizes environmental problems of the geographic location in which it is to be used (i.e, urban, rural, suburban
19. Encourages and facilitates direct "hands-on" experiences for students

5 4 3 2 1 N/A

20. contains illustrations that are helpful to the learning process
21. is presented in a manner that fosters high student interest
22. is organized in a manner that facilitates effective learning
23. articulates well with present course of study or needs of students
24. emphasizes discipline in which they will be used