

from
Need
or
**National
Environmental
Education
Development**
comes
**Adventure
in Environment**

In Grades 3 to 6, *Adventure in Environment* brings you fully developed environmental lessons that reinforce and expand the work already going forward in your classroom. The NEED program does this without adding a new subject — or a new time slot in the daily schedule! Now your classes can enjoy completely engrossing, highly original lessons that stimulate awareness of our environment — and at the same time, tie in with your regular classroom work in English, science, mathematics, music, art, and social studies. Here are some activities that are just one part of a NEED lesson for the middle grades:

- Becoming observant of warp and weft in all kinds of places — cocoons, spider web, furniture, baskets, fabrics, and weaving of various styles, peoples, and periods
- Seeing networks wherever they exist — in leaf veins, the human circulatory system, highways, power lines, or delivery systems of business and industry
- Designing parks for various different types of people who will use them, making provision for different kinds of activities, and allocating various sums for expenditures
- Discovering how the food eaten at breakfast can be traced back to green plants
- Using a clock grid and a pacing system to tell other children where something is hidden on the school grounds
- Applying a knowledge of triangles to measure the height of an object, such as a flagpole, in the environment
- Becoming more aware of color in store windows, waterways, clothing, reflections, and in advertising to understand the physical basis for color, its psychological effects, and its symbolism in patriotic and religious events

These activities for Grades 3 to 6 are just fractions of a total lesson that is complete with text, photographs, diagrams, instructions, and motivation — all designed to help you develop your pupils' awareness of our social and physical environment.



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A National Park Foundation program in cooperation with the National Park Service



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COMPONENTS OF GRADES 3-6 ADVENTURE IN ENVIRONMENT

Pupils' Books. These colorful paperback texts offer a fascinating variety of well-constructed lessons. Teachers are not required to go beyond the text for materials to complete the lessons. Appealing to a whole range of talents and personalities, the variety of lessons in each text allows youngsters to have fun and achieve recognition as they work in these areas in which they are naturally inclined.

Teachers' Guides. For each lesson in the Pupils' Books, the Teachers' Guides present full background information and the complete how-to of presentation and activities.

Pupils' Outdoor Books. These compact paperback books are designed to be taken along when children go outdoors to explore, record patterns, make impressions, take measurements, listen, watch, or keep logs. Drawing upon the outdoor teaching experience of the National Park Rangers, these books include all the how-to of games, searches, and other active learnings.

Picture Packet. Here are 24 pictures on 12 display cards, 18½" x 23", to help you increase awareness and concern for the environment in city, suburb, or countryside. Teacher's materials are included. For Grade 4 and up, primarily.

NEED COMPONENTS IN PREPARATION FOR 1975

Kindergarten through Grade 2. For these three grades the NEED component is one book — a Teacher's Manual with lessons and activities particularly designed to help early-grade pupils become aware of such important environmental concepts as —

All living things interact with (help, hurt, or depend upon) other living and nonliving things in their environment.

Disturbances in the home environments of people or animals may cause them to leave or die.

People have many needs that must be fulfilled after their basic needs are met.

One of these needs is other people.

Thirty concepts are the basis of this 256-page paperbound book with 40 lessons. Activities for each lesson make the concepts come alive for primary pupils.

Filmstrips for Grades 7 and 8. Six filmstrips in sound and color help deepen concern for the environment by exploring such topics as —

The panorama of our National Park System
National parks in the cities

Land use and its environmental impact

Technology and its environmental impact

Leisure and its impact on the environment


Life styles and their impact on the environment

Planned to run 12 to 15 minutes, these sound/color filmstrips come with teacher's materials that summarize the content and suggest the thrust of the discussion to follow. Ready for September, 1975.

to your curriculum!
And there's no need to add a new subject
science, language arts, and mathematics!
your everyday lessons in the social studies,
helps you tie environmental awareness into

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**Environmental
Education
or
Development**

National 



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- is a National Park Foundation program that brings you the combined experience of National Park rangers, classroom teachers and specialists, and the Silver Burdett science editors.
- connects all areas of the curriculum with the world beyond the classroom.
- helps your pupils see relationships more clearly, predict the future more accurately, and guide the environment more sensibly
- helps you make your whole curriculum work as environmental education!

For more information, write Product Manager, Science

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