



# Environmental Science Activities Kit

Ready-to-Use Lessons, Labs  
& Worksheets



## IN A NUTSHELL

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**Cost:** \$20.97

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### SUBJECTS

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Mathematics  
Science  
Social Studies

This is a collection of thirty-two activities designed for use in classrooms or on school grounds. Ranging from twenty minutes to several hours in length, the activities cover a range of environmental issues including land use, nuclear power, water treatment, global warming, nuclear power, soil compaction, effects of mining, and the presence of toxics in the home. Activities include discussions, creation of models, experiments, research projects, and presentations. The text lists an activity summary, introduction, time requirements, student groupings, outcomes, materials required, vocabulary, and teacher preparation instructions for each activity. Also included are student handouts, activity pages, answers to quizzes and exercises, extensions and modification of activities, safety suggestions, references, a bibliography, and tips for writing letters to public officials.

**Grade Level**

7-12

**Length**

332 pages

**Date Published**

1993

**THE** **BOTTOM**  
**L I N E**

"Well- thought-out activities with sound rationale. That the emphasis is on no single solution is a big plus!"

What the REVIEWERS Said !	Key Characteristics	Strengths Noted	Other Considerations
	Fairness and Accuracy	Material is open to inquiry and encourages students to collect information and make their own decisions.	Some statistics do not have sources cited and seem to be quoted out of context.
	Depth	Strong focus on concepts. Addresses both local and global situations.	
	Emphasis on Skills Building	Promotes data collecting and organizing, drawing conclusions, decision making, and problem solving. Includes group work, discussions and debates.	Possibility exists for accurate student data to be labeled "wrong".
	Action Orientation		Gives few examples of successful actions.
	Instructional Soundness	Includes range of instructional methods. Many outdoor activities. Clearly states goals and objectives.	Some activities not well related to students' experience.
	Usability	Pages are easy to photocopy. Explanations are clear and logical.	May not provide sufficient background information for all activities.

"While the topics covered are diverse, they are not clearly connected to each other."

"A useful, all-around resource that introduces learners to the many complex issues in environmental education."