



Waste: A Hidden Resource



IN A NUTSHELL

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SUBJECTS

Economics
Language Arts
Mathematics
Science
Social Studies

This is a collection of lessons and activities related to municipal solid waste, hazardous waste, and the issues related to them. The thirty-four activities can be used independently or as a unit. The text begins with overviews and background on waste and describes composting, types of plastics, toxicity, and disposal systems. The activities are divided into chapters entitled Solid Waste Issues, Solid Waste Solutions, and Enrichment Materials. Activities consist of simulation and board games, science experiments, model construction, household surveys, and development of data banks. Each lists time requirements, materials needed, objectives, key concepts, and vocabulary, as well as suggestions for extension and evaluation exercises. The text includes references, a glossary, safety instructions, and an activities list arranged by subject. Masters of handouts and worksheets are included.

Grade Level
9-12

Length
224 pages

Date Published
1993

THE **BOTTOM**
L I N E

"Thorough and thought-provoking coverage of the waste management and recycling industry."

What the REVIEWERS Said !	Key Characteristics	Strengths Noted	Other Considerations
	Fairness and Accuracy	Facts are well documented. Reviews conducted by technical experts.	Many statistics are dated. Does not explore different viewpoints or encourage inquiry.
	Depth	Fosters awareness of solid waste issues. Focus is on concept development.	
	Emphasis on Skills Building	Encourages creative and critical thinking. Employs analysis, calculation, and classification.	Weak on action skills.
	Action Orientation	Materials encourage students to analyze their role in the issues discussed.	Sets stage for action but does not follow through.
	Instructional Soundness	Lessons are interdisciplinary and make use of different learning styles. Makes connections to learners' everyday lives.	Not particularly learner-centered.
	Usability	Easy to use. Lessons follow consistent format. Professional development programs are available.	Permission to copy materials is not given.

"Students learn that you can't please all of the people."

"Clear, concise and understandable to both learner and leader."