



Marine Ecology & Conservation:

Teacher's Guide



IN A NUTSHELL

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Cost:

K-3 Teacher's Guide \$5.95 + s&h
4-8 Teacher's Guide \$5.95 + s&h

SUBJECTS

Fine Arts
Language Arts
Mathematics
Science

There are two different editions of this teacher's guide, one for grades K-3 and the other for grades 4-8. The two guides have identical introductory lessons and pages which describe some ocean-dwelling animals and introduce some basic concepts of ecology and conservation. The activities in both guides provide a basic introduction to animal adaptation, food chains, and some of the damage caused to wildlife by oil spills and waste. Activities for younger students include artwork, games, songs and experiments. Activities for 4-8 graders include several opportunities for students to practice to decision making skills and to analyze conservation problems. Each activity lists objectives, background information, and materials needed. Each volume provides its own vocabulary list, statement of objectives for the unit, and list of additional resources. Illustrations include drawings and black-and-white photographs.

Grade Level	K-3, 4-8
Length	26 pages each
Date Published	1995

THE BOTTOM LINE

"This curriculum really focuses on conservation and it good at presenting fair arguments from both sides."

What the REVIEWERS Said !	Key Characteristics	Strengths Noted	Other Considerations
	Fairness and Accuracy	Challenges students to see all sides of a situation. Information is largely accurate.	Facts are not referenced. Does not list affiliations or roles of scientific advisors. Contains at least one inaccurate scene of ocean life.
	Depth		No obvious effort to tie the activities together. Touches on many concepts but in a simplified, general way.
	Emphasis on Skills Building	Specific activities deal with observation, data collection, critical thinking, and action skills. Encourages use of a variety of media.	
	Action Orientation	Action is addressed in several activities.	
	Instructional Soundness	Makes use of a variety of activities in many subject areas. Clearly states goals.	Some reading material or activities may not be appropriate for given grade level.
	Usability	Lessons are reproducible and inexpensive. Lessons are not site- or location-specific. Text is clear and easy to use.	

"Discusses how humans interact with the ocean, but doesn't seem to emphasize our reliance on it."

"Very basic, simplistic introduction to marine ecology."