



# Fish Ways

## Intermediate/Senior



### IN A NUTSHELL

Canadian Wildlife  
Federation  
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Canada

phone: (613) 721-2286  
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website: [www.wildededucation.org](http://www.wildededucation.org)

**Cost:** Distributed in training workshop which is free or requires a minimal charge.

### SUBJECTS

Economics  
Science  
Social Studies

This is the middle/high school component of a comprehensive curriculum regarding fish and their ecosystems and responsible fisheries management. The thirty-eight lessons are arranged by grade level, and incorporate role play, experiments, problem solving exercises, and direct experience to facilitate student interest and involvement in learning. Topics covered include taxonomy, the ethics of preserving endangered fish species, developing population profiles, and exploring the reasons why people value fishes. Some of the lessons call for use of live or caught fish or require field trips. Each lesson includes objectives, teacher background information, setting, key vocabulary, evaluation suggestions, extension activities, and links to Ontario, Canada curriculum guidelines. The material comes in a three-ring binder, provides student worksheets and materials, and is illustrated with drawings, graphs, maps, and charts. Appendices include a glossary, information on aquaria, and a list of resources. A full-color poster and a set of fish identification cards are included. Curriculum is also available in French.

<b>Grade Level</b>
7-12
<b>Length</b>
346 pages
<b>Date Published</b>
1991

THE BOTTOM  
LINE

"Social and economic issues are well balanced within the science framework."

What the REVIEWERS Said !	Key Characteristics	Strengths Noted	Other Considerations
	Fairness and Accuracy	Cites reviewers, authors and sources of information. Encourages inquiry.	Some information may be outdated.
	Depth	Investigates fish from many different perspectives and disciplines (e.g. physics, history, economics, biology).	Material is specific to Canada and would need to be adapted for use in the United States.
	Emphasis on Skills Building	Develops critical thinking, experimentation, and decision-making skills.	
	Action Orientation	Develops a sense of personal stake in the issues of fish and fish management.	
	Instructional Soundness	Clearly states objectives and related subject areas. Makes use of a variety of teaching styles and settings.	
	Usability	Clear, logical format is easy to follow. Provides thorough background information for each lesson. Lists supports and references clearly.	

"Most complete, in-depth study of a subject I have seen."

"The hands-on/lab experiences seem appealing and educational at the same time."