



# Migratory Birds:

Issue Pac



## IN A NUTSHELL

Developed by: U.S. Fish &  
Wildlife

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**Cost:** \$6.95 + s&h

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### SUBJECTS

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Fine Arts  
Mathematics  
Science

This package of materials on bird migration was developed by the U.S. Fish and Wildlife Service. It consists of a leader overview, a page of action-based education projects dealing with birds, two student pages, three principal activities, and a poster showing the migration routes of four different songbirds. The leader overview provides information on the timing of migration, theories on why birds migrate and how they maintain direction, how scientists track bird migration, and dangers facing migratory birds. The three principal activities include learning objectives, time and setting, data sheets, review questions, and suggested follow-up activities. One activity is a game, one a situation, and one an exercise in mapping bird movements based on bird banding information. The package also includes a glossary and a list of curriculum resources. Pages are illustrated with drawings.

**Grade Level**  
3-7

**Length**  
30 pages

**Date Published**  
1995

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

"The materials are comprehensive and touch on a range of issues associated with migratory bird populations."

What the REVIEWERS Said !	Key Characteristics	Strengths Noted	Other Considerations
	Fairness and Accuracy	References are cited. Material stimulates inquiry.	Lacks different viewpoints.
	Depth	Develops awareness.	Does not detail reasons for threats to birds. Does not focus on concepts.
	Emphasis on Skills Building	Develops birding and observation skills (e.g., using binoculars and field guides).	
	Action Orientation	Some of the action-based activities build on personal responsibility.	
	Instructional Soundness	Includes multiple learning styles. Some action projects relate to students' homes or school.	Principal activities are weak on connecting to students' lives. Mapping may be too complicated for some students.
	Usability	Easy to use and reproduce.	No suggestions for use in schools that are not in the path of migration routes.

"The materials do not indicate why the loss of migratory birds is important, other than a brief mention of indicators."

"Stimulates inquiry about problems of migratory birds."