

# Audubon Center & Sanctuary

1600 Riverside Road, Jamestown NY 14701

Phone: (716) 569-2345

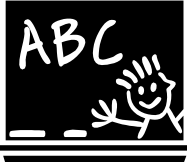
Email: [info@jamestownaudubon.org](mailto:info@jamestownaudubon.org)

Web: <http://audubonprograms.com>



## Seven Sleepers: Curriculum Integration Guide

### Warm up Their Brains Before We Come



- **Pre-visit Activity:** Ask students to think about winter and the things people do to prepare for winter and survive the cold.
- Tell the students that Audubon naturalists have found that most people don't know which mammals hibernate and which ones don't. Have them make their own predictions. They could even interview family, friends, teachers, even the principal to find out what they think about hibernation.
- Do your students know what makes a mammal a mammal?

### Activities and Ideas for Extending the Learning After the Audubon Presentation

- Have each student pick a local animal and find out how it survives winter.
- Create a bulletin board in your classroom, or in the hallway outside of your classroom that shows a winter scene. Students can add their animals to the scene, showing how they spend winter.
- Desert animals "aestivate"... not because it is too cold, but because it is too hot. What can you find out about aestivation?

### Books for Students

- Busch, Phylliss; *The Seven Sleepers: The Story of Hibernation*. 1985. Warren – J 591.54 B96
- Facklam, Margery; *Do Not Disturb: the mysteries of animal hibernation and sleep*. 1989. Prendergast - J 591.543
- Freedman, Russell; *When Winter Comes*. 1981. Prendergast – J591.543 F
- Sarasy, Phyllis; *Winter-sleepers*. 1964. Prendergast - J 591

### Other Resources

- Ask your school librarian to help you find books in your school library about some of the animals we talked about today.
- What can you find out about hibernation on the Internet?

### NYS Standard 4 - The Living Environment

**Major Understanding 5.2f:** Some animal behaviors are influenced by environmental conditions. These behaviors may include: nest building, **hibernating**, hunting, migrating, and communicating.

### PA Biology Education Standard

**3.3.4 A.1** - Identify life processes of living things (e.g., growth, digestion, **react to environment**).

### Objective of the Program

This program deals with behavioral adaptations of mammals for survival through our cold winters. Misconceptions about hibernation will be cleared. The difference between true hibernation and dormancy is addressed.

