

Owl Pellets Information for the Teacher

Correlations to Arkansas Science Frameworks grades 5-8:

NS.1.5.1 Make accurate observations

LS.4.5.2 Identify the transfer of energy using energy pyramids:

- terrestrial
- aquatic

LS.4.5.14 Categorize organisms by the function they serve in ecosystems and food webs:

- predator/prey
- parasitism
- producer/consumer/decomposer
- scavenger
- herbivore/carnivore/omnivore

NS.1.6.1 Verify accuracy of observations

LS.3.6.7 Describe the following structural adaptations for survival in the environment:

- | | |
|---------------|----------------------------|
| • coloration | • fur |
| • mimicry | • ears |
| • odor glands | • spines |
| • beaks | • teeth |
| • feet | • thorns |
| • wings | • characteristics of seeds |

NS.1.7.1 Interpret evidence based on observations

LS.2.7.2 Analyze how two or more organs work together to perform a function (e.g., mouth and stomach to digest food)

NS.1.8.1 Justify conclusions based on appropriate and unbiased observations

Internet resources:

Owl Pellet Dissection:

<http://naturalsciences.sdsu.edu/classes/lab2.2/lab2.2.html#anchor72376371>

Eating Habits and Environment:

<http://naturalsciences.sdsu.edu/classes/lab2.2/lab2.2.html#anchor72379826>

Owl Pellets with background information:

<http://www.eagle-bluff.org/Owl%20Pellets.pdf#search=%22owl%20pellet%20lesson%22>

Owl calls, pictures, and background information:

<http://www.owlpages.com/sounds.php>

<http://www.barnowl.co.uk/interact/owlsounds/index.asp>

<http://www.naturesongs.com/falestri.html#LSTRI>

<http://www.birds.cornell.edu/AllAboutBirds/owl>

<http://www.owling.com/>

Books:

Animal Lore & Legend – Owl: American Indian Legends

Retold by: Vee Browne

Additional text and book design by: Vic Warren

Illustrated by: Diana Magnuson 1995. Scholastic, Inc., New York, NY. ISBN 0-590-22488-3. 32 pp.

Price:\$4.95 U.S.; \$5.99 Canada

Description: This book combines both American Indian legends and factual information about North American owls. A nice glossary at the end of the book identifies the names of various tribes. Ages: 5 – 12

Owl Moon

By: Jane Yolen

Illustrated by: John Schonerr

1987. Philomel Books, New York, NY. ISBN 0-399-21457-7. 30 pp.

Price: \$15.95 U.S.; \$20.95 Canada

Description: A father and daughter take a walk on a winter's night under a full moon to see the Great Horned Owl. Ages: 5 – 10

The Moon of the Owls

By: Jean Craighead George

Illustrated by: Wendell Minor

1967. Harper Collins Children's Books, New York, NY. ISBN 0-06-020192-4. 47 pp.

Price: \$14.89 U.S.; \$16.89 Canada.

Description: A Great Horned Owl journeys across the forest in the Catskill Mountains to find his mate. As his journey continues he observes the behavior of other nocturnal animals.

Ages: 8 – 12

Owls for Kids

by Neal D. Niemuth

Wonderful book introducing owl to children.

Simon and Schuster Children's Guide to Birds

by Jinny Johnson, with Malcom Ogilvie

This guide provides an introduction to birds from around the world, arranged in such groupings as game birds, seabirds, waterbirds, wading birds, owls and birds of prey, and songbirds.

There's an Owl in the Shower

by Jean Craighead George

Borden's father, Leon, was a logger in the old-growth forests of California. That is, until the spotted-owl lovers interfered. One day, frustrated by his father's unemployment, Borden sets out on a mission of revenge against the spotted owl but returns home with a half-starved owlet instead. The family soon discovers that the owlet, whom Borden names Bardy, loves to take showers and watch late-night TV. Only after the whole family has fallen in love with Bardy do they realize that the conflict between nature and human industry is not so easily resolved.