

Audubon Center & Sanctuary

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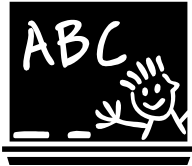
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Wetland Life Cycles: Curriculum Integration Guide

Warm up Their Brains Before We Come



- **Pre-visit Activity:** Talk about a basic life cycle.
- Have the students guess some life cycles that the Audubon presenter might talk about.

Activities and Ideas for Extending the Learning

- Color the life cycles on the post-visit activity.
- On a piece of paper have the students draw a life cycle of something familiar, a family pet, themselves, or something from the class. Even plants are appropriate.
- We may role-play being turtles during the presentation. Try to role-play being frogs from the egg stage to the adult stage.
- Come to Audubon!

Books for Students

- *Are you a Dragonfly*, Judy Allen, Tudor Humphries, 2001, ISBN# 0753453460.
- *Eliza and the Dragonfly*, Hovemann, Rinehart. Available through Acorn Naturalist Catalog or online at www.acornnaturalists.com
- *Pond Year*, Kathryn Lasky, 1995., ISBN# 0763601128.

Other Resources

- Posters from www.museumproducts.net for frog and butterfly life cycles.
- Reversible Frog to Tadpole, Insect Lore, www.insectlore.com.

NYS Standard 4 - The Living Environment

Major Understanding: 4.1a Plants and animals have life cycles. These may include beginning of life, development into adults, reproducing as adults, and eventually dying.

Major Understanding: 4.1e Each generation of animals goes through changes in some form from young to adult. This completed sequence of changes in form is called a "life cycle." Some insects change from egg to larva to pupa to adult.

PA Biology Standard

B3.3.4 A.1 Identify life processes of living things.

Objective of the Program

Students will learn that many animals change dramatically as they move through their life cycle and that some depend on two totally different habitats for survival. Students will learn the life cycle of the turtle, frog, and dragonfly.

