



School Program Name: Lifecycles...Frogs and Beyond
Name of Sanctuary: Habitat Wildlife Sanctuary
Grade Level: k-2
Location Options: In your school/off site options
Time: 1-2 hours
For more info: mmiller@massaudubon.org or
617-489-5050 x208

Program Description

What do you know about amphibians? Through observation, discussion, and activities, students deepen their knowledge of life cycle, amphibians, and their habitat. What common attributes do all amphibians possess? Animal visitors are part of this program.

Three station, interactive format can be customized to meet specific needs.

Massachusetts Curriculum Frameworks

Framework: Science and Technology
Strand: Life Science
Topic: Characteristics of Living Things

Learning Standards

- PreK-2 Life Science #3: Recognize that plants and animals have life cycles, and that life cycles vary for different living things.
- PreK-2 Life Science #8: Identify the ways in which an organism's habitat provides for its basic needs (plants require air, water, nutrients, and light; animals require food, water, air, and shelter).
- PreK-2 Life Science #7: Recognize changes in appearance that animals and plants go through as the seasons change.

Lesson Objectives

What will students know and be able to do? These objectives must be observable and measurable.

Students will know and be able to:

- Tell what an amphibian is and summarize some of its basic needs.
- Describe an amphibian lifecycle.
- Observe one or more live amphibians. Identify where this organism might live.



- Create an observational drawing of one amphibian (May include the animal's habitat if understanding is developed.)

Vocabulary

Amphibian

Life-cycle

Habitat

Assessments

How will you know that the students have met the standards?

- Students will complete a drawing of an amphibian.
- What does this amphibian need to survive?

Summarizer

How will the Mass Audubon Educator close the lesson to see if students met the objectives?

- Students will share what they know now that they didn't know before. What new information did you learn about amphibians today?
- Where might an amphibian live in our town? Have you ever been to a place where an amphibian could live?



Mass Audubon School Programs

At Mass Audubon we strive to create learning experiences that are enriching, innovative, meaningful, and engaging. All our school programs are aligned with Massachusetts Curriculum Frameworks. Our network of wildlife sanctuaries and nature centers located in urban, suburban, and rural communities around the state enable us to have strong relationships with local schools.

Our Education Foundations

- Place-based education is an educational philosophy that connects learning to what is local for an individual. We help build conservation communities, working with students and teachers in cities and towns to develop place-based environmental education that is linked directly to their home community.
 - Inquiry-based learning is focused on teamwork, being learner-centered, questioning ourselves and the world around us, providing a more focused, time-intensive exploration, promoting lifelong learning, communication, and learning as fun.
 - We are fully committed to creating a positive and supportive environment for all learners.
 - We strive to be culturally sensitive, recognizing and embracing cultural differences.
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Differentiated Instruction

- We strive to create a positive learning environment that is inclusive, supportive to all learners, and sensitive to cultural diversity.
 - Outdoor classroom experiences are structured to meet the needs of the particular learners.
 - Students work in small groups using hands-on materials.
 - A variety of educational media are used, including colorful illustrations.
 - With advance notice, efforts will be made to accommodate all learning styles and physical needs.
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Notes

- Nature exploration is dependent upon the weather and other conditions. A class might observe different wildlife than they expected to see. An outdoor lesson can sometimes provide unexpected, but enriching teachable moments on a natural history topic that was not planned.
- Mass Audubon nature centers each have a unique landscape and will customize programs to work best at their particular site.
- Our lessons can be adapted to incorporate a classroom teacher's needs.

