



Amphibians All Around Us

K – 6th Grade

30 or 60 Minute Program

Vermont Standard	Grade Expectations	Inquiry Skills and Content
7.1	S.1	Ask scientific questions and observe amphibian characteristics for survival.
7.13	S.30	Identify amphibian differences and similarities through observations, movement, touch, and identifying frog calls.
7.16	S.31	Understand amphibian ecological importance and migration patterns.

ACTION

Students will...

1. Use an oversized frog model to discuss what features make a creature an amphibian.
2. Read and review frog life cycle in a “big book” and use small toy models to create different stages of metamorphosis of a frog or toad and compare amphibian life cycle phases.
3. Use listening skills to identify several frogs from their calls.
4. Through group discussion and a movement activity, students will become a specific amphibian and “travel” from an upland habitat to a vernal pond.

For 60 minute class for 3rd grade and older:

5. View a short video clip of a Vermont herpetologist explaining about migration and citizen science actions for improving amphibian chances for survival.
6. Students will conduct an experiment looking at the sensitivity of amphibian skin and it’s reaction to environmental toxins.

ECHO COMPANION PROGRAMS

Consider matching this program with...

- Marsh, Bog, Swamp K-3
- Wetland Wonders K-6

All ECHO Teacher’s Choice programs are combined with an ECHO Trek – a tool for exploring exhibits, considering questions and discussing ideas.