



Fabulous Frogs

Ohio Academic Standards (Grades K-5)

Below is a list of Ohio Science Academic Standards discussed during the teaching of **Fabulous Frogs**.

Life Sciences

K-2 Benchmark B: Explain how organisms function and interact with their physical environment.

K.5 Investigate observable features of plants and animals that help them live in different kinds of places.

2.6 Investigate the different structures of plants and animals that help them live in different environments.

K-2 Benchmark C: Describe similarities and differences that exist among individuals of the same kind of plants and animals.

K.3 Describe how plants and animals usually resemble their parents.

K.4 Investigate variations that exist among individuals of the same kind of plant or animal.

2.4 Compare similarities and differences among individuals of the same kind of plants or animals, including people.

3-5 Benchmark A: Differentiate between the life cycles of plants and animals.

3.1 Compare the life cycles of different animals including birth to adulthood, reproduction and death (e.g., egg-tadpole-frog, egg-caterpillar-chrysalis-butterfly).



3-5 Benchmark B: Analyze plant and animal structures and functions needed for survival and describe the flow of energy through a system that all organisms use to survive.

- 3.2 Relate animal structures to their specific survival functions (e.g., obtaining food, escaping or hiding from enemies).
- 3.3 Classify animals according to their characteristics (e.g., body coverings and body structure).

3-5 Benchmark C: Compare changes in an organism's ecosystem/habitat that affect its survival.

- 3.4 Use examples to explain that extinct organisms may resemble organisms that are alive today.
- 3.6 Explain how changes in an organism's habitat are sometimes beneficial and sometimes harmful.
- 5.4 Summarize that organisms can only survive in ecosystems in which their needs can be met (e.g., food, water, shelter, air, carrying capacity and waste disposal). The world has different ecosystems and distinct ecosystems support the lives of different types of organisms.
- 5.6 Analyze how all organisms, including humans, cause changes in their ecosystems and how these changes can be beneficial, neutral or detrimental (e.g, beaver ponds, earthworm burrows, grasshoppers eating plants, people planting and cutting trees and people introducing a new species).

Scientific Ways of Knowing

K-2 Benchmark B: Recognize the importance of respect for all living things.

- K.3 Interact with living things and the environment in ways that promote respect.