

Awesome Amphibians – Program Overview

K | Gr. 1 - Gr. 5 |

Program Description

Have you ever wondered how amphibians can live in water and on land? Join a Surrey Nature Centre program leader to discover all things amphibians. Through play and exploration your students will learn about amphibian lifecycles, habitat types, food, and predators. With some luck we may even spot a salamander.

Considerations

- This program is completely outdoors, rain or shine, so please dress for the weather.
- For your safety in the event of extreme weather conditions, this program will be adapted for an open area or rescheduled to another day.
- Public washrooms are available on-site - arrive early to make use of these facilities before the program begins.
- All vehicles parking in our lot will need to register their license plates inside the Nature Centre before the program.

Curriculum Focus Areas

Science Curricular Links

- Basic needs of plants and animals: food, water, shelter, space
- Lifecycle – specific to amphibians
- Water is essential to all living things.
- Structural features of living things in the local environment
- Biodiversity in the local environment
- Multicellular organisms have organ systems that enable them to survive and interact with the environment.
- Multicellular organisms rely on internal systems to survive, reproduce, and interact with the environment.
- Stewardship

Vocabulary

Amphibian - Cold-blooded vertebrates that don't have scales. They live part of their lives in water and part on land, undergoing metamorphosis as they change habitats.

Aquatic – growing, living in, or often found in water.

Habitat – The place where an organism makes its home; must provide adequate food, water, shelter, and space.

Larvae - an immature form of animals that undergo some metamorphosis (example, tadpoles).

Porous - minute spaces or holes of a surface through which liquid or air may pass.

Reptile – Cold-blooded vertebrates that have scales and do not undergo metamorphosis.

Salamander – a small animal that looks like a lizard but is an amphibian.

Terrestrial – growing, living on, or often found on the land.

Dressing For the Weather

Please ensure you are checking the forecast in the days prior to your program and communicating with your students to ensure they are prepared.

Clothing Recommendations

We require students to wear **sturdy, closed-toe footwear** for all outdoor programs. During the winter and during rain, footwear should be waterproof.

We recommend that students wear **layers** in all weather.

For colder programs, wool is the best base layer (closest to skin) – it stays warm even if it gets wet! Students should also have an insulating layer, and wear a water-resistant outer layer, gloves, and a hat or toque. We have some rain ponchos on site; Should a student need to borrow one, please let us know at the beginning of your program.

For warmer program days, students should still bring a light jacket, or sweater, as temperatures can be significantly lower in the forest. Hats are always recommended.