

# Wetland Ecosystems

## Grade Seven and Ten Education Program

### The Basics

Our education programs take between 1 and 3 hours, including a lunch break in the classroom or our picnic park. Programs can be shortened in length to accommodate groups, without a change in cost.

The cost for this program is \$2.00 per person. This includes teachers, chaperones, and students.

We recommend a chaperone to student ratio of 1:5.

Our site is wheelchair accessible.

### What to Expect:

During an Education Program at Shubenacadie Provincial Wildlife Park, you will be greeted by the Nature Interpreter facilitating the program. If needed, students may have a snack in a classroom before beginning the program. Students will explore various components of the wetland ecosystem at the park. Here, students identify biotic and abiotic factors, along with species of various trophic levels. Students may use dip nets to look for pond life species, identify them and examine how they can indicate the health of a wetland. Students may also explore other factors of the wetland, such as water temperature and pH readings. A guided park tour highlights the trophic level and roles in a given ecosystem. After the park tour, students will have the chance to share their experiences while having their lunch in the classroom, or you may choose to have lunch in our picnic area!



### Outcomes Addressed in 'Wetland Ecosystems'

#### Grade Seven- Science

- Identify, delimit, and investigate questions related to a local ecosystem (208-2, 208-3)
- Use instruments effectively and accurately to investigate components of an ecosystem (209-3)
- Organize and record data collected in an investigation of an ecosystem (209-4)
- Describe interactions between biotic and abiotic factors in an ecosystem (306-3)
- Identify the roles of producers, consumers, and decomposers in a local ecosystem and describe both their diversity and their interactions (304-2)
- Distinguish between scientific terms such as consumer, decomposer, producer, etc. (109-12)

#### Grade Ten- Science

- Distinguish between biotic and abiotic factors, determining the impact on the consumers at all trophic levels due to bioaccumulation, variability, and diversity (318-2, 318-5)
- Describe how the classification involved in the biodiversity of an ecosystem is responsible for its sustainability (214-1, 318-6)

To book an Education Program, please complete the reservation form on our website. For more information email: [LegacyCentre@novascotia.ca](mailto:LegacyCentre@novascotia.ca).