

Species at Risk

Gr. P-12 Education Program

What to Expect:

The 'Species at Risk' program is designed to accommodate Grades Primary to Twelve, as it focuses on important topics in both Science (Attitude and Skills) and Social Studies (Interactions and their impact) to address General Curriculum Outcomes for those grades. This program has also been designed to meet Specific Curriculum Outcomes in Grades P-4, 6-7, and 10. The level of detail and vocabulary used for this program will be based on the grade level of visiting class.

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. To begin the program students observe artifacts at risk from around the world. We then focus on species at risk in Nova Scotia through a guided park tour. Students will investigate the reasons why species such as the mainland moose, American marten, peregrine falcon and many others are at risk. We also highlight 'success stories' including the bald eagle. Students learn about their role in protecting species and what we can do to help species at risk, on both a local and global scale.

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!

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.



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

Species at Risk

Gr. P-12 Education Program

General Curriculum Outcomes:

Science:

- GCO 2 (Skills): Students will develop the skills required for scientific and technological inquiry, for solving problems, for communicating scientific ideas and results, for working collaboratively, and for making informed decisions.
- GCO 4 (Attitudes): Students will be encouraged to develop attitudes that support the responsible acquisition and the application of scientific and technological knowledge to the mutual benefit of self, society, and the environment.

Social Studies:

- GCO D: demonstrate an understanding of the interdependent relationship among individuals, societies, and the environment—locally, nationally, and globally—and the implications for a sustainable future.
- GCO E: demonstrate an understanding of the interactions among people, places, and the environment
- GCO F: demonstrate an understanding of the past and how it affects the present and the future

Specific Curriculum Outcomes:

Grade Primary-Science

- Ask questions that lead to exploration and investigation (200-1)

Grade 1-Science

- Question, explore, observe, and identify the similarities and differences in how living things are able to meet their needs (200-1, 100-4, 100-5, 100-7)
- Recognize that humans and other living things depend on their environment and identify personal actions that can contribute to a healthy environment (103-2)

Grade 1-Social Studies

- 1.2.2 describe how peoples depend upon an interact with different natural environments
- 1.2.3 take age-appropriate action to practice responsible behavior in caring for the environment

Grade 2-Science

- Describe features of natural and human-made environments that support the health and growth of some familiar animals (102-7)

Grade 2-Social Studies

- 2.1.4 predict ways their community might change in the future and how they can contribute to that future
- 2.4.3 demonstrate an understanding of sustainable development and its importance to our future (local, national, and global)

Grade 3-Science

- Describe and respond to ways in which plants are important to living things and the environment and how the supply of useful plants is replenished (102-12, 102-13, 203-5)

Species at Risk

Gr. P-12 Education Program

Grade 4-Health

- 3.4 promote environmental awareness within the school community that demonstrates awareness of the connection between environment and health

Grade 4-Science

- Identify their own and their families' impact on habitats and describe how personal actions help conserve habitats (108-3, 108-6)
- Predict how the removal of a plant or animal population affects the rest of the community and relate habitat loss to the endangerment or extinction of plants and animals (301-1, 301-2)

Grade 4-Social Studies

- 4.3.3 examine the relationship between humans and the physical environment

Grade 6-Science

- Propose questions and gather information about the relationship among the structural features of plants and animals in their environments and identify positive and negative impacts of humans on these resources (204-1, 108-8)

Grade 7-Science

- Propose and defend a course of action to protect local habitat of a particular organism (113-11, 211-5)
- Provide examples of problems that arise in the environment that cannot be solved using scientific or technological knowledge (113-10)

Grade 10-Science

- Describe the mechanisms of bioaccumulation, and explain its potential impact on the viability and diversity of consumers at all trophic levels (318-2)
- Explain various ways in which natural populations are kept in equilibrium and relate this equilibrium to the resource limits of an ecosystem (318-5)
- Explain how biodiversity of an ecosystem contributes to its sustainability (318-6)
- Analyse the impact of external factors on an ecosystem (331-6)