

Winter Programs

**Special Introductory Rate:
\$60/program (to a maximum
of 30 students)**

Winter Animals

Grades 1–3: Seasonal Changes, Human Interactions with Natural Systems, Investigation, Animal Life Cycles, Physical Education

How do animals meet their basic needs in winter? Through activities and exploration, students will uncover animal adaptations to our coldest season.

Winter Ecology

Grades 4-6: Evidence & Investigation, Weather, Safety & Responsibility, Physical Education, Social Studies

Dive into the world of winter through a series of activities designed to develop an understanding of how plants and animals meet their basic needs in winter. Students examine our relationship with winter, uncover the characteristics of snow, and identify animal tracks.

Animals in Winter Outreach Program

Grade 1: Seasonal Changes, Senses, Human Interactions with Natural Systems, Physical Education

Turn your schoolyard into a winter exploration wonderland! Discover what happens to plants and animals in winter through hands-on activities and games.

Winter Bunnies

Preschool; ages 3-5 and birthday parties

Explore the world of animals in winter in the comfort of your own preschool or at the park. Choose from a variety of topics including: Owls, Rabbits, Foxes or Moose/Deer. Sessions include indoor activities, story time, and a craft.

In-School Presentations

A Sense of Place

Grade 4: Alberta: A Sense of the Land

This 1-hour, in-class presentation examines how parks and protected areas play a role in sustaining Alberta's natural and cultural heritage. Through interactive games and discussions students explore Alberta's six natural regions and the history and future of Alberta's protected landscapes.

The Land Speaks

Grade 5: Canada: The Land, Histories & Stories

Miquelon Lake is rich with stories. Through games, activities and story-telling, students will see the land as a source of life for people, plants and animals. Students will explore the dependency between people and nature, and reflect on their own sense of place.

Recommended Sites

Miquelon Lake Provincial Park

Located 65 km southeast of Edmonton on Secondary Highway 623.

Cooking Lake-Blackfoot Provincial Recreation Area

Located 32 km east of Edmonton, south of Hwy. 16, directly south of Elk Island National Park on Range Road 210.

Contact

Program Booking or Specific Requests

Email: miquelon.booking@gov.ab.ca

Alberta's Provincial Parks

Web: albertaparks.ca

Phone: 1-866-427-3582

Fees

All spring and fall programs are \$85/program (GST included in price). Teacher and parent volunteers are free.

- All programs are between 1–1.5 hours in length.
- Assistance is available for high-needs groups.
- Maximum group size is 30 children per program.

Edmonton and Area

Environmental Education



Field Studies

Nature Discovery

Kindergarten & Grade 1: Seasonal Changes; Needs of Plants & Animals

From spring to winter, our natural landscapes are always changing. Through sensory-orientated activities, students will explore the forest and uncover the variety of adaptations and strategies that plants and animals use to survive and thrive in each season.

Beaver Buddies

Kindergarten & Grade 1: Needs of Plants & Animals

With their buck teeth and flat tails, beavers are renowned for their ability to alter the landscape to help meet their needs. Students will uncover the fascinating adaptations that Canada's largest rodent possesses and visit an active beaver lodge.

Bugology

Grade 2: Small Crawling & Flying Animals

There are more insects in the world than any other type of creature. Students will examine the wonderful and diverse world of insects that live here, and their interesting and bizarre adaptations. Program activities will enable the students to understand the invertebrate's role in maintaining forest biodiversity.

Animal Survivors

Grade 2: Small Crawling and Flying Animals & Hot and Cold Temperatures

There are millions of animals all over the planet and the one thing they have in common is the need to survive. From finding food and water to building a shelter, students will learn what the race for survival really means. Discover the animals of Miquelon in this exciting 1.5 hour program!



Animal Life Cycles

Grade 3: Animal Life Cycles

Our Parks and Protected Areas are home to a diversity of wildlife that carry out the different stages of their life cycles. Students discover this up close by observing the life cycles of insects, amphibians, birds and mammals. Students will develop an understanding and awareness of the connections between these animals and their environment.

Art in the Park

Grade 3–6: Fine Arts

Explore the rolling hills and abundant wetlands of the Beaver Hills through artistic expression. Learn watercolour techniques while creating a landscape painting. All materials are provided.

Geocaching

Grades 3 and Up: Physical Education

Discover the thrill of geocaching—a high-tech navigational treasure hunt for all ages! Students learn how to use GPS (Global Positioning System) to find hidden caches throughout the park. GPS units are provided for participants to use.

Plant Growth & Changes

Grade 4: Plant Growth & Changes

This program is also offered as an *in-school presentation*. Unlike animals, most plants make their own food, and the key “ingredients” to accomplish this vary from species to species. Through a series of hands-on investigations,

students describe and classify common plants, investigate variations in growing conditions, discover the different forms and functions of leaves, stems and roots, and explore the importance of plants to the natural environment.

What About Wetlands?

Grade 5: Wetland Ecosystems

With a dip of a net, students will explore the world of one of the most diverse ecosystems on the planet. Students will be given the opportunity to determine whether or not we have a healthy wetland by examining plant and invertebrate populations as well as the non-living features of a wetland. The effects of human activities on wetlands will also be discussed.

Trees & Forests

Grade 6: Trees & Forests

The forest is more than just trees. It is a system of interconnecting relationships between plants, animals and decomposers. Students will investigate the Boreal Forest Ecoregion found in the area by hiking through the forest and participating in activities that emphasize forest ecology, species interactions and biodiversity. Students observe the characteristics of the native trees and shrubs of this region and use classification keys to identify them.

Sky Science

Grade 6: Sky Science

Don't make light of the night! Protecting the natural world also includes protecting the night sky and nighttime ecology. While visiting Alberta's second Dark Sky Preserve, the Beaver Hills Dark Sky Preserve, students will learn about the night sky and the new threat to our environment, light pollution. They will

find out how it impacts life on earth, from migration to feeding patterns and behaviour.

Animal Tracks and Traces

Grade 6: Evidence & Investigation

Even the most secretive animals leave behind a trail of evidence. Untangle the wild stories hidden in that evidence while learning the art of investigation. Students will learn to recognize signs of animal activity by studying tracks and traces in nature.

Biodiversity

Grade 9: Biological Diversity

Be a scientist for the day! Students use a hands-on approach to study the effects of human activities, invasive species, and geology on species diversity.

Do you have unique curriculum needs? Our staff can tailor programs to meet your group's specific needs! Just ask when booking. We also book birthday parties. Accommodations can be made for those with limited mobility.

