



Grade Level:
PreK-K

Subject Area:
Social Studies
Science

WMELS:
Listening and
Understanding:
Derives meaning
through listening:
A.EL.1

Exploration,
Discovery and
Problem Solving:
Multi-Sensory
experiences: A.EL.1

Mathematical
Thinking:
Comparison and
Patterning: A.EL.1

Scientific Thinking:
Observation: C.EL.1

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Polar Adventure

Lesson Guide

Program Overview:

By participating in the Polar Adventure program, children will become familiar with the animals of the Arctic and how they adapt to life in this cold region. Children will also learn about the life of the Native people long ago and how they used natural resources in everyday life.

Background:

What is the weather like in the polar regions? The North and South poles are very cold. This program will concentrate on the North Pole, or Arctic region. The land is covered by snow and ice, also known as glaciers, all year round. We will discuss the adaptations that animals and people in the Arctic region need to survive.

Student Objectives:

1. To discuss the diversity of life found in the Arctic.
2. To interact with specimens and artifacts from the museum collections.
3. To observe how people and animals survive in the Arctic through a tour.

Assessment:

1. Children will compare animal pelts and furs of moose, caribou, polar bears and seals.
2. Children will learn about how people used furs for clothing.
3. Children will build on their knowledge by creating Arctic art and participating in hands-on activities.

Program Vocabulary:

Arctic: the region surrounding the North Pole

Caribou: a large animal of the deer family that is found in cold northern regions

Moose: a large cud-chewing mammal with broad flattened antlers and humped shoulders that is related to the deer and lives in forests and tundra

Polar Bear: a large creamy-white fish-eating bear that lives in arctic regions

Sled Dog: a dog trained to draw a usually large sled especially in the Arctic regions

Enrichment Vocabulary

Globe Igloo Predator vs. Prey Temperature Walrus

Procedure:

Meet your Museum educator at the bottom of the grand staircase on the ground level five minutes before your scheduled program start time.