

L. C. Bates Museum Program List

1. Three Hour Explorations
2. One Hour Program for outreach to your school or in the museum
3. Indoor/Outdoor Programs for pre-K and K
4. One Hour General and Focused Museum Tours
5. One Hour Seasonal Outdoor Natural History Explorations

1. Three Hour Explorations at the Museum \$70.00 FOR 1 GROUP of UP TO 25 PARTICIPANTS

Up to Three groups can rotate through the program at one time. Lunch break is between the second and third activity.

- 🌿 **Maine Forest Habitat** - See the *Maine Forest Habitat program* in the activity room, tour the forest animals and plants in the museum, learn how trees grow and take a guided walk on the forest trails.
- 🌿 **Discover Aquatic Life** - Explore our pond with nets in hand, visit the museum collections to discover animals and plants that live in the wetlands, and learn about different wetlands and their unique habitats.
- 🌿 **Taxonomy- The Classification of Living Things** - Through a hands-on classroom program, museum tours of the zoology and botany collections, and discovery activities become familiar with the history, goals and structure of taxonomy.
- 🌿 **Maine Native Americans** - Examine stone tools to learn about Maine Native American prehistory, visit the museum's collections to see what Maine animals Native Americans used in daily life, examine baskets and craft a story basket.
- 🌿 **Rocks, Minerals and Fossils** – Become a geologist! Touch minerals in the *Rocks in Your Life program*, examine igneous, sedimentary and metamorphic rocks, look at rocks under a black light, tour our mineral and fossil collections, learn the difference between a rock and a mineral and learn how fossils were made and they what tell about the past.
- 🌿 **Maine Birds** - Participate in a Maine Birds classroom program, visit our Audubon Room to examine how birds adapt to different Maine habitats, go on a bird walk and draw and/or watercolor a picture of a bird in the museum collection.
- 🌿 **Maine Field Habitat** – Investigate plants, insects, birds and animals that live and/or forage in the fields.
- 🌿 **Maine's Biodiversity** -- Examine common and unusual diverse plants and animals and how they adapt to living in Maine's varied habitats, tour the museum to see common, endangered and extinct animals of Maine, go on a walk outside to discover the local ecosystems and how they support life.

2. Natural and Maine History Programs (at the Museum or on outreach to your school)

At the Museum programs (45 minute to 1 hour) cost \$23.00 for a group of up to 25 participants. (At the Museum we can accommodate 3 classes at a time). Outreach programs designed for up to 25 participants cost \$40.00 for the first on a day and \$35.00 for additional programs the same day plus mileage at \$.38 per mile. (If the school is located more than 1 hours ride from the museum there will be an additional fee for travel time.)

Maine Habitats:

- 🌿 **MAINE WETLAND HABITATS** - Explore Maine's wetlands to meet the plants and animals that live there.
- 🌿 **MAINE FOREST HABITAT** - Wild animals from Maine's woods make many sounds and leave a variety of tracks and signs. Learn about them using tracks, fur, wings, skulls, full mounts posters, slides and tape recordings.
- 🌿 **MAINE COASTAL HABITAT** - Discuss the tides, coastal creatures and their adaptations to seashore conditions. Take a classroom journey to investigate life "on the edge" using slides and mounts of real seashore plants and animals.

Geology:


- 🌿 **ROCKS IN YOUR LIFE** - Explore rocks and minerals and how we use them in our daily lives.
- 🌿 **FASCINATING FOSSILS** – Find out how fossils form, examine different kinds of fossils and learn what fossils tell us about our earth's history and evolution. See the Maine state fossil and fossils of trilobites, shells, plants, insects and more.

Plants:

- 🌿 **OUR WONDERFUL NEIGHBORHOOD TREES** – Roots to leaves. Learn how a tree grows and identify trees common in the Maine woods. Examine trunk sections and simple and compound leaves.
- 🌿 **FLOWER POWER** – Flowers to Seeds- Investigate flowering plants, their pollinators and how people depend upon them.


Wetlands and Coastal Studies:


- 🌿 **LIVING IN A SEASHELL- MOLUSKS** - Discover the incredible variety of animal forms in this diverse phylum and how they are adapted to different ocean habitats.

 **BEAVERS-FURRY WETLAND ENGINEERS** - Learn how beavers live, change their environment and how they influenced the history of New England.


Birds:

 **BIRDS THAT FISH** - Discover the unique Maine birds that depend on fish for their living.


 **MAINE BIRDS** - Study bird mounts, nests, feathers, eggs, tracks, skulls, and tape-recorded songs. Learn about birds' adaptations to the different habitats in Maine.

 **BIRDS OF PREY** - Learn about remarkable hawks, owls and eagles and how they are adapted to their predatory lifestyle.


Insects:

 **BUGS, BUGS, BUGS** - Learn about the wonderful variety of insects through models, specimens, pictures and slides. Practice "being a bug". Explore mimicry, camouflage and insects' life cycle.

Mammals:


 **MAINE'S AMAZING SMALL MAMMALS** - Unmask the usually unseen world of bats, voles, moles, weasels, muskrats, squirrels and others. Discuss predator-prey relationships and eating patterns.

Taxonomy:


 **TAXONOMY, The Classification of Living Things** - Explore the system of classifying life: its goals, history and method. Use hands-on activities to learn how to classify animal mounts.

Art: at the Museum

 **ART IN THE BIRD ROOM** – Explore the Museum's Audubon Room and draw and watercolor a bird you select.


 **Naturalist/ Artist Program** – Learn how naturalists may use drawing and painting to record their observations of wildlife. Look at the Museum's dioramas and mounted animals or walk outside to explore nature. Record your findings through art.


For the Younger Crowd (pre-K – 2nd):

 **THE VERY YOUNG NATURALIST** - Discuss forest, field, wetland and seashore by looking at habitat mount cases and posters. Handle shells, feathers, antlers, insect models, etc., while listening to nature's sounds. (*preschool – grade 2)

Maine History:

 **MAINE'S PREHISTORIC TOOLS & NATIVE AMERICANS** - Examine and use archaeological tools to learn about Maine's prehistory, the hunter and gatherer culture, and the science of archaeology.

 **Step Back Into A MAINE VILLAGE IN THE EARLY 1900'S** - Through slides of black and white photos, visit the places and people of an early 1900's village. See and try household tools, schoolwork, chores, toys, clothes, parasol and more.

 **L.C. BATES MUSEUM AND BUILDING History and Architecture** - Through slides, tour the Romanesque Revival L.C.Bates building to see its unique architectural features and learn about the building's architect, William R. Miller.

3. Indoor/outdoor Programs for Pre-k and K:


1 hour long Exploration~ Up to 25 participants ~ \$23.00 per group


Indoor/Outdoor Pond Study – Spend a half hour with nets in hand exploring the animals and plants at the pond and spend a half hour touring the museum to examine pond animals.

Indoor/Outdoor Forest Study – Take a short hike to explore Maine's forest habitat and tour the museum to see the animals that live in our woods.

4. Tours


\$25.00 FOR ADULTS; \$1.00 STUDENTS (teachers Free) (1 hour)


 **General** – Museum guides lead classes through the museum exhibits. Students get to investigate the displays and ask and answer questions about them.


 **Focused Tours and Activities** – Teachers or other group leaders can telephone us and create a specialized tour which emphasizes the exhibits in the museum that address special areas, such as art, archaeology, an aspect of Maine natural history, or a particular historical period. *Popular focused activities include Maine Birds, Old Time Toys, and Chore Doing.*


5. Outdoor Seasonal Natural History Explorations


\$24.00 FOR UP TO 25 PARTICIPANTS (1 hour)


 **Spring Wildflowers** - See and learn about local wildflowers on a nature walk.

 **Endangered Animal Hunt** – Find the endangered and extinct animals and plants in the museum.

 **Fall Seed Dispersal** - Take a walk to see plants and trees that disperse seeds.

 **Spring Bird Walks**- Walk on the GWH trails to see wetland, field and forest birds of Maine.

 **Forest Walk**- Take a guided walk on the trails to discover the animals and plants in the Maine forest.

 **Owl Prowl** – Visit the Museum owl collection, hunt the museum for owl prey and dissect an owl pellet.