



**BRUCE A. BLAKEMAN**  
NASSAU COUNTY EXECUTIVE

# **FIELD TRIPS and EDUCATIONAL PROGRAMMING**

**Prehistoric  
Native American  
Culture**

**Outdoor Education**

**Long Island Geology**

**Archaeology and  
Paleontology**



**GARVIES POINT MUSEUM & PRESERVE**

50 Barry Drive • Glen Cove • 516-571-8010 • 516-571-8011 • [GarviesPointMuseum.com](http://GarviesPointMuseum.com)

*CELEBRATING 55 YEARS*

**W**e believe interactive, hands-on learning is essential for students of all ages. Museum and preserve resources are used to present specialized one-hour museum school programs. Programs can be used to meet basic curriculum or enrichment needs, either when taken alone or in combination. These are geared to the ability level and special needs of your class. Planning and pre-visit materials are provided. These have been designed to integrate programs into classroom activities. Customized programs and pre-visit consultations are available upon request when schedule permits.

Most programs can be given simultaneously, so that one class can be having a program while another class is having a different program, allowing classes to alternate programs. In this way, several classes or a grade level can be accommodated on one day and classes can customize their visit by taking advantage of several related programs.

*A visit to Garvies Point Museum is an experience your students will remember for years to come!*

## **ALL AGES** (Pre-K, K-2, 3, 4-5, 6-8, 9-12, college, adult group)

*These programs can be customized for any age group*

### **OE-1 BEACH ECOLOGY**

This hands-in investigation of the intertidal shoreline community emphasizes how plants and animals adapt to their harsh environment. Students will find seaweeds, mussels, crabs, snails and more, but remember all goes back to their habitat! This program must be scheduled during the four hours of lowest tide. Available April through October. Specialized programs may be available upon request. Outdoor program.

### **OE-2 BIOTIC COMMUNITIES**

This nature “walk” through the woodland and the field community is an introduction to several natural habitats, emphasizing producers, consumers and decomposers, their interdependence, and change in nature (old-field succession). Programs with a particular emphasis (i.e., birdwatching) may be available upon request. Outdoor program.

### **OE-3 WINTER SEARCH PARTY**

This is a cold weather “search” for evidence of animal activity, emphasizing the effects of adverse environmental conditions upon plants and animals and the adaptations that help cold weather survival. Animal tracking will be done if field conditions are appropriate. Outdoor program.

### **OE-4 POND STUDY**

Dip into this hands-on investigation of the pond environment. Specific adaptations of living things to this special environment will be observed first-hand and interpreted. Students will use dip nets and hand lenses and will learn to use a simple field guide to identify common pond inhabitants. Best during Spring. Outdoor program.

## **PRE-K, K – 2<sup>ND</sup> GRADES**

### **G-1 OUR NATIVE AMERICAN FRIENDS**

Selected museum exhibits are used in this introductory lesson designed to acquaint young students with the Native American way of life and to introduce them to the museum as an educational and cultural resource. Students will also visit our interactive “woodland village”, where they can partake in pretend daily activities such as fishing, picking and planting vegetables, grinding corn with mortar & pestle, and building a “bark” wigwam. Indoor program.

### **G-11 EXPLORING NATIVE AMERICAN POTTERY**

This is a hands-on exploration of pottery and the making of pottery using traditional Native American

can methods. Children will handle authentic Native American pottery sherds and will have an opportunity to work with natural clay from our preserve. Clay may not be taken home. Optional self-hardening clay available upon request for additional fee of \$5.00 per student. Indoor program.

### **G-9 DISCOVERING DINOSAURS**

This hands-on lesson uses visual materials, fossil replicas, fossils and scale models to show the characteristics distinguishing dinosaurs, their world and how we know about them. Includes play activity and exploration of our Fossil Discovery Boxes. Make your own “fossil” craft available for additional \$5.00 per student. Indoor program.

## 3<sup>RD</sup>-5<sup>TH</sup> & 6<sup>TH</sup>-8<sup>TH</sup> GRADES

### NATIVE AMERICAN STUDIES

#### **G-3 TOOLS AND ARTIFACTS** (Gr. 3, 4-5) (6-8)

This hands-on demonstration shows how Native Americans made and used tools, such as stone-working and woodworking tools, as a means of adapting their environment to meet their life needs. Participants will be able to handle authentic tools and other artifacts. In addition, they will have an opportunity to use replicated tools, such as mortars and pestles to grind corn, fire drills for making fire, and pump drills for drilling holes in stone. Indoor program.

#### **G-7 NATIVE AMERICAN CULTURE ON LONG ISLAND** (Gr. 3, 4-5) (6-8)

This guided tour of selected museum exhibits is a look at prehistoric cultural development across North America in general and a comprehensive look at the cultural development of the Eastern Woodland peoples as illustrated by New York & Long Island's Native American groups. This program may be customized to suit a particular area of study. Indoor program.

#### **G-11 EXPLORING NATIVE AMERICAN POTTERY I & II** (Gr. 3) & II (Gr. 4-5) (6-8)

This is a hands-on exploration of pottery and the making of pottery using traditional Native American methods. Children will handle authentic Native American pottery sherds and will have an opportunity to work with natural clay from our preserve. Clay may not be taken home. Optional self-hardening clay available upon request for additional fee of \$5.00 per student. Indoor program.

### GEOLOGY/EARTH SCIENCE

#### **G-4 STREAM EROSION and GARVIES POINT GEOLOGY** (Gr. 4-5, 6-8)

An exciting stream table demonstration is used to compare and contrast a “youthful” stream with an “old age” stream and to illustrate the formation of sedimentary rocks. Students will be able to examine sedimentary rocks, sedimentary features, such as concretions (“Indian paint pots”) and Cretaceous fossils. A trip will be made to the beach area of the preserve to see some of the erosional and depositional processes shown on the stream table. Indoor & outdoor program.

#### **G-5 GEOLOGY OF LONG ISLAND** (Gr. 4-5, 6-8)

A slide-illustrated lesson using museum dioramas to show the geologic events which shaped Long Island's land features. Events prior to, during and following glaciation are detailed. Slides are arranged into a “field trip around Long Island.” The north and south shores are compared. Indoor program.

#### **G-6 INVESTIGATING MINERALS** (Gr. 4-5, 6-8)

This is a hands-on laboratory experience where, after an introductory lesson, students work with known samples of rock-forming and metal-bearing minerals (ores) to see how scientists identify minerals. Students record their observations of mineral color, streak, luster, hardness, cleavage or fracture and special properties. Indoor program.



### ARCHAEOLOGY & PALEONTOLOGY

#### **G-10 DISCOVERING FOSSILS** (Gr. 3, 4-5, 6)

This hands-on lesson uses fossils and fossil replicas to teach an appreciation of fossils within their environment and how scientists identify features in order to group them. It is designed to develop an understanding of the process of fossilization and the concept of geologic time. Indoor program.

#### **G-2 FIELD ARCHAEOLOGY** (Gr. 4-5, 6-8)

This slide-illustrated lesson shows the “how and why” of the science of archaeology: how archaeologists dig and record their work in the field. An indoor replicated dig and other selected museum exhibits are used for reinforcement. Students will see an archaeologist's kit bag of digging tools and a telescopic alidade. Indoor program.

# HIGH SCHOOL, COLLEGE, ADULT GROUPS

## **G-3 TOOLS AND ARTIFACTS**

(Gr. 9-12) (college) (adult group)

This hands-on demonstration shows how Native Americans made and used tools, such as stone-working and woodworking tools, as a means of adapting their environment to meet their life needs. Participants will be able to handle authentic tools and other artifacts. In addition, they will have an opportunity to use replicated tools, such as mortars and pestles to grind corn, fire drills for making fire, and pump drills for drilling holes in stone. Indoor program.



## **G-7 NATIVE AMERICAN CULTURE ON LONG ISLAND**

(Gr. 9-12) (college) (adult group)

This guided tour of selected museum exhibits is a look at prehistoric cultural development across North America in general and a comprehensive look at the cultural development of the Eastern Woodland peoples as illustrated by New York & Long Island's Native American groups. This program may be customized to suit a particular area of study. Indoor program.

## **G-12 EXPLORING NATIVE AMERICAN POTTERY II**

(Gr. 9-12) (college) (adult group)

This is a hands-on analysis of traditional Native American pottery-making techniques and methods. Participants will discuss archaeological information and work with natural clay and related artifacts. Indoor program.

## **G-4 STREAM EROSION & GARVIES POINT GEOLOGY**

(Gr. 9-12) (college) (adult group)

An exciting stream table demonstration is used to compare and contrast a “youthful” stream with an “old age” stream and to illustrate the formation of sedimentary rocks. Students will be able to examine sedimentary rocks, sedimentary features, such as

concretions (“Indian paint pots”) and Cretaceous fossils. A trip will be made to the beach area of the preserve to see some of the erosional and depositional processes shown on the stream table. Indoor and outdoor program.

## **G-5 GEOLOGY OF LONG ISLAND**

(Gr. 9-12) (college) (adult group)

A slide-illustrated lesson using museum dioramas to show the geologic events which shaped Long Island's land features. Events prior to, during and following glaciation are detailed. Slides are arranged into a “field trip around Long Island.” The north and south shores are compared. Indoor program.

## **G-2 FIELD ARCHAEOLOGY**

(Gr. 9-12) (college) (adult group)

This slide-illustrated lesson shows the “how and why” of the science of archaeology: how archaeologists dig and record their work in the field. An indoor replicated dig and other selected museum exhibits are used for reinforcement. Students will see an archaeologist's kit bag of digging tools and a telescopic alidade. Indoor program.



\$45.00 per one-hour program per group (30 maximum/group)

**PLUS**

\$1.00/student Pre-K – 12<sup>th</sup> (\$2.00 per college or adult student)

(teacher & 2 additional adults per group free)

\$4.00 per additional adult

Payable: Treasurer of Nassau County

Programs available year-round, Tuesday - Friday, starting at 10 am

(Earlier start time may be arranged)

**Reservations must be made by telephone in advance. 516-571-8010/11**

*We are an approved Nassau & Eastern-Suffolk BOCES vendor.*

**PRESERVE ONLY** – *If you wish to only visit the preserve with your class, you must call ahead to schedule the visit and get a PRESERVE PERMIT, cost: \$25.00 per class per day*

Picnic facilities are available for lunch. There are limited facilities for eating in the museum on the enclosed deck exhibit area (first come first serve basis, we always do our best to accommodate your students).

#### SAMPLE SCHEDULE FOR 3 CLASSES of 25 Students each (2 PROGRAMS EACH)

	Class A	Class B	Class C
10 am – 11 am	G-3 Tools	G-11 Pottery	Lunch/gift shop
11 am – 12 pm	G-11 Pottery	Lunch/gift shop	G-3 Tools
12- 1 pm	Lunch/gift shop	G-3 Tools	G-11 Pottery

**Total Cost:** \$270 (\$45/program/class) + \$75 (\$1/student) = \$345. With 9 free adults.

#### SAMPLE SCHEDULE FOR 3 CLASSES of 25 students each (3 PROGRAMS EACH)

	Class A	Class B	Class C
10 am – 11 am	G-3 Tools	G-7 Native Am. Culture	G-11 Pottery
11 am – 12 pm	G-11 Pottery	G-3 Tools	G-7 Native Am. Culture
12-12:30pm	Lunch/gift shop	Lunch/gift shop	Lunch/gift shop
12:30- 1:30 pm	G-7 Native Am. Culture	G-11 Pottery	G-3 Tools

**Total Cost:** \$405 + \$75 = \$480. With 9 free adults.

Note: These programs cannot be taken simultaneously: G-3 + G-5; G-5 + G-7; G-6, G-8, or G-10

## GIFT SHOP

***Our gift shop directly supports programs, events, and exhibits.***

With much priced between \$5-\$10, we have an excellent selection of souvenirs, books, minerals, Native American items & many educational items. **Please encourage your students to visit our shop, souvenirs hold fond memories of their visit for years to come and supports our museum.** Funded by the **FRIENDS of GARVIES POINT MUSEUM & PRESERVE**, membership information is available at the front desk.

***Thank you for your support.***

Directions: Take the L.I.E. (Exit 39N) to Glen Cove Road North. Follow until you face the Glen Cove Fire House, turn right, and go (3) three traffic lights, at third light turn left and follow the brown and white directional signs.

**Visit our website at [www.garviespointmuseum.com](http://www.garviespointmuseum.com)**





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