

## Outdoor Adventures at Scherman Hoffman

Bring your students to our Sanctuary for a hands-on outdoor program.

Program length	Cost per student	2nd program same day	Minimum cost
90 minutes	\$9	\$8	\$150
2 hours	\$10	\$9	\$175

### Sensing the Seasons

Students will use their senses to explore the natural habitats of the Sanctuary. After reviewing our 5 senses, we will go on an exploratory walk and look, touch, smell, and listen to nature all around us. Pre-K thru K 90 minutes

### Tree Fun

We'll take a walk and visit some of the trees of our Sanctuary's forest and discover why trees are so important. Included are fun leaf and seed activities. Pre-K thru K 90 minutes



### Nature's House

Students will have the opportunity to develop their sense of wonder as they explore "Nature's House." We will visit field and forest to discover what animals live there and what they need to survive. Simple comparison of wildlife habitats to human habitats will foster a better understanding of the needs of an organism. Pre-K thru K 90 minutes  
K-LS1-1; K-ESS3-1; K-ESS3-3

### Seeds Inside and Out

We will begin with a nature walk to collect seeds and discover the various methods of dispersal. Back in the classroom, we will dissect seeds and explore the internal structure. Students will learn about the life cycles of plants. Grades 1-4 90 minutes

### Freshwater Ecology

Students will use nets and buckets as they search for the animals that live in the wetlands of our Sanctuary. Discussion of the water cycle, or watersheds and how water quality affects the diversity of wildlife living in wetlands. All grades 2 hours  
K-LS1-1; K-ESS2-2; K-ESS3-1; 2-LS4-1; 3-LS4-3; 3-LS1-1; 4-LS1-1; MS-LS2-2



### The World of Insects

Your students will have hands-on fun learning about insects! We will visit 3 habitats, field, forest, and wetland, where students will use nets and bug boxes to collect insects for observation and identification. Discussion will include life cycles, adaptations, the interrelationships among the insects of the different habitats, and their importance in the ecosystem. All grades 2 hours  
K-LS1-1; K-ESS2-2; K-ESS3-3; 1-LS1-2; 2-LS4-1; 3-LS1-1; 3-LS4-3; 4-LS1-1



### Feathered Friends

A bird walk will introduce your students to the birds of our Sanctuary. We'll review the use of binoculars, field guides, and field identification. A program for any level birder. Loaner binoculars and field guides available. All grades 90 minutes



### The Hidden World of Animals

Students will explore field and forest to search for animals and the clues they leave behind to learn about local wildlife. All grades 90 minutes

### How Healthy is Your Forest?

Students will assess the biodiversity of two forest plots, one inside a deer exclusion fenced area, the other outside the fence. Students will inventory the woody plants, use industry standard instruments to measure tree diameter, identify and record animals seen, and investigate and record observations of the forest floor. Students will use data collected to evaluate the health of the forest and predict its longevity. Discussion includes factors that may contribute to the condition of the forest plots, and interactions among animals and between animals and plants. Grades 5-12 2 hours  
MS-LS1-5, MS-LS2-1, MS-LS2-4

### Geology at the Sanctuary: Past and Present

Students will investigate how geologic events shaped the land. Students will: observe a colluvial apron, hypothesize how the Ice Age created it, and make a model to test their hypothesis; observe and identify metamorphic rocks; observe a river and riparian corridor; through pH testing investigate how plants affect the soil. Grades 5-12 2 hours

Visit our gift shop for a wide variety of nature items, priced from \$1.50.

## Outreach Programs at Your School

We can bring nature to your school. Programs suitable for grades K-8 unless otherwise noted.

Cost: \$200 per 1 hour program  
\$230 per 90 minute program  
\$100 per additional same day program  
\$75 per program extension  
Round trip mileage over 20 miles

### **Classroom Programs:**

#### Bugs To You!

Let us bring the bugs to you! With some help from our six-legged friends, our lesson on insects will be memorable for your students. Students will have the opportunity to hold some live Stick Bugs as they learn what makes an insect an insect. In the extended program, we will lead your students on an outdoor exploration for the insects that live on your school grounds. Grades K - 6 1 hour

#### Freshwater Ecology

Students will learn what a wetland and a watershed are, and their value in dynamic ecosystems. Cause and effect relationships to predict natural phenomena and minimizing human impact will be discussed. Using specimens, students will identify wetland macroinvertebrates and their relationship to water quality. In the extended program, if there is a suitable wetland on school grounds we will lead your students on an exploration of that wetland. Grades 5-12 90 minutes  
MS-LS2-1; MS-LS2-4; MS-ESS3-3

## Outreach Programs cont'd.

### Backyard Habitats: A Workshop for Elementary Students

Gardening for wildlife is becoming increasingly important for habitat preservation. This program introduces students to backyard habitats for wildlife. Students create a model backyard while learning how wind, impervious surfaces, plant choices, and management affect the success of a backyard habitat.

Grades 1-5 1 hour

### Hoots and Screeches

Our naturalist will introduce your students to the owls of New Jersey. Using mounted specimens and activities, students will learn what makes owls so unique among the birds.



All grades 1 hour

### Scutes and Scales

Your students will enjoy this hands-on presentation of some of the reptiles that call New Jersey home. We'll visit your classroom with our snakes and turtles for a lesson on the life of reptiles.

All grades 1 hour

### ***Classroom or Assembly Programs:***

#### Eagles, Hawks, Falcons, and more!

What is a raptor? Introduce your students to some of the raptors found in New Jersey. Using mounted specimens, slides, and a story, students will learn about the extraordinary adaptations these birds have. 1 hour

#### Backyard Birds

Learn all about the kinds of birds you might see in your backyard throughout the season. Find out what you can do to help provide for their habitat needs. 1 hour

#### Owls of New Jersey

Introduce your students to these unique birds, the owls. Through a slide presentation, mounts, and owl specimens, students will gain an understanding of the extraordinary abilities of these birds. 1 hour

#### Mammals—The Natural History of Everyone's Favorites

Can opossums hang from their tails? What's the most important mammal in a meadow habitat? What should you do if you see a bear? This slide presentation will highlight these animals and more of everyone's favorites! 1 hour

For additional information, or to schedule a school group program, please call us at 908-396-6594

## STATEMENT OF PURPOSE

New Jersey Audubon (NJA) fosters environmental awareness and a conservation ethic; protects New Jersey's birds, animals, and plants, especially endangered and threatened species, and promotes the preservation of New Jersey's valuable natural habitats.

NJA is a privately supported, not-for-profit, statewide membership organization. Founded in 1897 and one of the oldest independent Audubon societies, NJA has no connection with the National Audubon Society.



### **Our Programs**

The goal of New Jersey Audubon's educational programs is to help children understand their relationship to the natural world. Our teachers steer and focus the activities to encourage individual and small group discovery.

NJA programs are interdisciplinary in nature and are correlated with the Next Generation Science Standards. All programs use inquiry-based learning methods and encourage exploration of our native habitats found in the State of New Jersey.

# SCHERMAN HOFFMAN WILDLIFE SANCTUARY

## School and Youth Environmental Education Programs



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