**Outdoor Adventures at Scherman Hoffman**

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

Cost: $6.00 per student, $100.00 minimum
Second program, same day $5 per student

**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

**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 90 minutes

**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 box bugs 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

**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 conduct an experiment 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

**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 outdoor exploration of the insects that live on your school grounds. 1 hour

**Freshwater Ecology**
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 of the insects that live on your school grounds. 1 hour

**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 conduct an experiment 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

**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 1 1/2 hours
MS-LS2-1; MS-LS2-4; MS-ESS3-3
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.

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

SCHERMAN HOFFMAN WILDLIFE SANCTUARY

School and Youth Environmental Education Programs