



**BOYD HILL NATURE PRESERVE**  
**EDUCATIONAL PROGRAMS**

Explore Florida's nature and wildlife right  
in the heart of St. Petersburg.



**Did you know** that Boyd Hill Nature Preserve offers you and your students the perfect opportunity to learn more about Florida's natural environment? Situated in the midst of Florida's most densely populated county, Boyd Hill Nature Preserve is a beautiful natural area ready to be explored. It is an excellent place to observe and study plants and animals in their natural habitat.

You are invited to bring your students to discover and learn more about our natural environment through our programs, which have been designed to help you achieve your curriculum learning objectives.

The school program fees are as follows: \$3/students, \$4/chaperones, and free for teachers and teacher's aides. To schedule programs, please contact the preserve at 727-893-7326.

## **PRE-K AND KINDERGARTEN**

### **Amazing Animals**

Develop a sense of wonder and curiosity about the natural world through careful observation of different animals. Students will learn how to distinguish between several categories of animals based on their physical traits.

### **Planting a Rainbow**

This program will help students foster an appreciation for the beauty and function of nature. Students will use and describe all five senses to explore the different aspects of plants.

### **Wonderful World of Water**

Are you thirsty? Where do you get your water? Students will understand that living things require different amounts of water and discover where water comes from.

## GRADES 1 & 2

### **Becoming Butterflies**

Students will get hands-on experience while carefully exploring the butterfly garden in search of chrysalises and other signs of the butterfly (or other insect) life cycle. They will also observe, study, and describe the four metamorphic stages of butterflies.

### **Spiral, Spin, and Spread: Looking for Patterns in Nature**

We are surrounded by patterns everywhere we look. Come and explore nature's natural patterns. Students will create a field guide featuring at least five patterns found while on our walk through the preserve.

### **The Great Water Hunt**

Cultivate an awareness of natural systems and how these systems connect to our everyday lives during this 90-minute session. Students will go on a water hunt to look for sources of water, enjoy some hands-on water discovery activities, and come up with three ways to conserve water.

## GRADES 3 THROUGH 5

### **Who Lives Here?**

Come to Boyd Hill to gain a deeper appreciation for the distinct elements found in different habitats. Students will participate in two interactive food-web activities and learn why each animal is uniquely suited for the habitat in which it lives.

### **The Secret Lives of Plants**

How do different parts of a plant function to enable the plant to survive? Students will transform into the structure of a plant and explore how their role helps to trace the flow of energy.

### **Look Under the Lake**

You may get wet in this interactive experience! Students help the rangers at Boyd Hill evaluate the overall health of Lake Maggiore by dip netting in search of macroinvertebrates. They will then use an identification key to name at least three organisms they found.







## **GRADES 6 THROUGH 12**

### **Wetlands and Watersheds**

The students will act as ecologists to explore the importance of wetlands in relation to watersheds and their ecological role in the sequestration of pollutants. They will get hands-on experience with an EnviroScape® model to discover how an ecologist examines the land's health, as well as get an up-close look at Boyd Hill Nature Preserve's wetlands.

### **Wildlife Field Study**

Students will act as herpetologists to determine the health of our resident box turtles and gopher tortoise population through hands-on activities with live turtles! This lesson is designed to teach students the basic physiological makeup of turtles. They will also learn about the role of fire in creating and maintaining a gopher tortoise habitat.

### **Work Groups**

Get ready to get dirty! This program gives students a hands-on experience with some common non-native, invasive, exotic plant species found in the preserve. Students will engage in a service-learning activity to understand the importance of controlling and managing these non-native, invasive species.

## ALL AGES AND GROUP TYPES

### **Nature Discovery Walks**

Explore all that Boyd Hill has to offer and find various wonders in nature! Students will use their senses to explore Boyd Hill's diverse habitats and meet one animal ambassador.

### **Pioneer Settlement Tours**

Experience life as an early Florida pioneer. Participants explore each of the buildings on the property and stop at various stations highlighting various pioneer crafts, skills, and sustainable living practices. All students will dip a beeswax candle to take home and have an opportunity to shop in the General Store.

Dates: Tuesdays - Fridays • Check-in: 10:00 a.m. • Time: 10:15 a.m. - 12:15 p.m.

Cost: \$6 per person

Chaperones: One adult (teacher or chaperone) per 8 students is required and admitted for free. Additional adults pay the regular rate of \$6.

### **Birds of Prey Program**

Participants will experience an up-close encounter with live birds of prey while also learning why these beautiful avian ambassadors call Boyd Hill Nature Preserve their home. Discussions will include each bird species' natural histories and the importance of conserving their habitat to protect the birds still in the wild.

This program is available on-site and off-site as a stand-alone program or paired with the Nature Discovery Walks. To schedule a program, please contact us at 727-893-7326 or [bhpreserve@stpete.org](mailto:bhpreserve@stpete.org).

Payment is due on the day of your program. Cash, check payable to "City of St. Petersburg," or credit card in person is accepted.

Cost:

\$50 for a onetime on-site program

\$100-\$150 for an off-site program. Cost varies by mileage.

\$5/child and \$6/adult for a dual Nature Discovery and Birds of Prey Program.

Time: 90 minutes for each program

Group size: 20 students



*For more information, visit*  
[www.boydhillpreserve.com](http://www.boydhillpreserve.com)

