

# Brookgreen Gardens Educational Opportunities

Programs are based on SC State Standards and are 50 minutes in length. Start times: 10 a.m., 11 a.m., 12 a.m.

## Nature

### **Sensing Nature**                      **Grade K-2**

Students will take a walk along the Children's Nature and Sensory Trail, and use touch, sight, hearing, and smell to experience nature. They will discuss living and non-living things they see and make comparisons. Children will have the opportunity to explore the trail and use their senses at diverse fun-filled stations.

### **Enchanted Storytime**                **Grades K-2**

Through a fun and interactive read-aloud, students will learn about story elements and concepts of print. Afterwards, students will engage in creating a story of their own before exploring the Enchanted Storybook Forest with their friends.

### **Growing Up Green**                    **Grades 1**

Students will begin by observing a variety of plants and trees and identifying some of their basic parts. They will visit the greenhouses and discuss the essentials necessary for all plants to live.

### **The Incredibles: Plants and Art** **Grades K-4**

Students will take a guided tour through the first American Sculpture Garden and learn about the ever-changing horticulture displays. Students will describe the needs of plants and identify the process of growth and development from seed to plant. Students will differentiate between types of plants and identify the parts of both flowers and trees and the role of photosynthesis.

### **Heritage Farm Garden**                **Grades K-4**

Students will journey through "Betha's Garden" to learn about the different heirloom vegetables, fruits, and herbs that are seasonally grown. They will discuss the variety of plants grown, the parts we eat, and their nutritional value to us. Additionally, students will learn what it takes to grow an edible garden. They will plant a seed to take home to begin their own garden. (If taste-tasting is available, students may try some of our fresh produce.)

### **Plantation and Native Animals**    **Grades K-12**

Students will enjoy a guided-tour of our Lowcountry Zoo to meet the historic domestic animals that were an integral part of plantation life in the early 1700's. Students will be guided through the habitats of native animals, such as river otters, foxes, birds of prey, and more.

### **Bee Educated**                            **Grades K-8**

Students will get the buzz about bees through an interactive presentation with manipulatives, real bees, and fun. Weather permitting, students will view an active observation hive. They will be educated about the importance of pollinators, learn about the anatomy of the bee, roles in the hive, and how bees play an essential role in our ecosystem.

### **Whispering Wings Butterfly Program** **Grade K-12**

Students will learn fun and interesting facts about butterflies, their lifecycle, and defenses. After an introductory lesson, students will explore the butterfly exhibit, observing butterflies in the adult and pupa stage.

### **Birds of Brookgreen**                    **Grades 2-5**

Students will enjoy a tour of Brookgreen Garden's Native Wildlife Zoo with a focus on our Cypress Swamp Aviary, Raptor Aviary, and Waterfowl Exhibit. Students will compare and contrast the similarities and differences between our varieties of birds. Students will learn how the characteristics of distinct environment influence the birds and how physical and behavioral adaptations allow organisms to survive in these different habitats.

### **Animal Detectives**                      **Grades K-5**

Science comes alive in our interactive program that utilizes live animals, biofacts, and hands-on opportunities. Students will learn about different classifications of animals, habitats, adaptations, and defenses. They will also discover how everyday actions can help wildlife and their homes.

### **Circle of Life**                              **Grades 5 & 7**

Students will discuss biotic factors in an environment (organisms, populations, communities, and ecosystems) and then define the abiotic factors (sunlight, water, air, and soil). They will then discuss/observe producers, consumers, and decomposers and see how they fit into the food chain.

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## ART

### **Sculpture Safari      Grades K-3**

Students search for exotic and domestic animals in sculpture as their safari leader points out a wide range of creatures from around the world. They will learn animal characteristics as well as methods used by artists to interpret animals.

### **Learn to Look      Grades 4-7**

While walking through the sculpture gardens, students will learn about the basic elements of sculpture and the materials and tools used by sculptors. They will discuss the definition of a museum and concepts such as line, mass, form, texture, and color.

### **Where Art and Nature Meet Grades 7-12**

Students will stroll the gardens and learn about Brookgreen's history and sculpture collection through the eyes of its founders, Archer and Anna Hyatt Huntington. Participants will learn how the Huntingtons designed and developed their outdoor museum and will observe selected sculpture.

## Cultural Performances

### **Gullah Geechee Lessons on History, Family & Respect      Grades 3-5**

Ron Daise will captivate students as he narrates his book, *Little Muddy Water*, a Gullah Folk Tale. The story unwinds as hardheaded Little Muddy Waters gets into everything even though grandmother tries to teach him Gullah traditions and beliefs. In call-and-response delivery, Daise engages viewers to "re-soect yo elders and do what's right!" Daise informs about Gullah customs, folkways, language, and values in an entertaining, endearing, and educational format.

### **Gullah Geechee Rhythms      Grades 3-12**

Utilizing audience participation in singing and storytelling, Daise identifies 10 memorable ways to recall the importance and significance of Gullah Geechee heritage. Pictures, music, personal reflections, and lecture are interwoven throughout stanzas to the tune of a well-known Gullah Geechee coded message song.

## HISTORY

### **Stretching and Growing: Children on the Lowcountry Rice Plantations Grades 3-12**

Students will explore the history, culture, and lifestyles of the ethnic groups that lived at Brookgreen Plantation during the Rice Era. While walking along "The Lowcountry Trail," an outdoor museum of four one-of-a-kind stainless-steel sculptures and archeological sites, students will learn about being children of the Plantation Owner, the Overseer, the Enslaved African Male, and the Enslaved African Female.

### **Rice Plantation Exploration Grades 3-8**

Students will learn about the history of our area's rice plantations by visiting three exhibit areas. In the "Lowcountry Change & Continuity" exhibit, they will observe Native American and Gullah artifacts and an aerial view of Georgetown County's 45,000 acres of abandoned rice fields. In the "Bethea's Garden", they will view our Horticultural Department's exhibit of plants and herbs used in plantation kitchens. And our Rice Trunk model at the dock will introduce students to the transformation of the cypress swamps that produced the rice culture.

### **Creek Excursion Grades 3-12**

Explore the remnants of some of South Carolina's most important rice plantations on Brookgreen's pontoon boat, *The Springfield*. This program emphasizes the history of South Carolina's rice culture and its impact on the Lowcountry region. Students will observe native plants and animals in secluded habitats.

**Creek Excursions: Fees are \$10.00 for all adults (teachers and 1 registered chaperone) and 7th-12th graders, \$6 for 3rd-6th graders. A \$50.00 deposit per Creek Excursion is due upon registration. Deposits will not be refunded for no-shows. Maximum capacity is 48, with a minimum of 15...NO EXCEPTIONS.**