

# EXPLORE & LEARN

With the Garden programs, a trained environmental educator will come to your classroom. These six classroom programs are adjusted for specific grade levels and meet grade level learning objectives based on NC Essential Science Standards. All programs are 60 minutes long.

## Classroom Program Fees

*Classroom Program*

*\$100 for (1) class (25 students max per class)*

*Approx: 1 hour*

See Q&A for out-of-county pricing.

## Middle and High School Programs

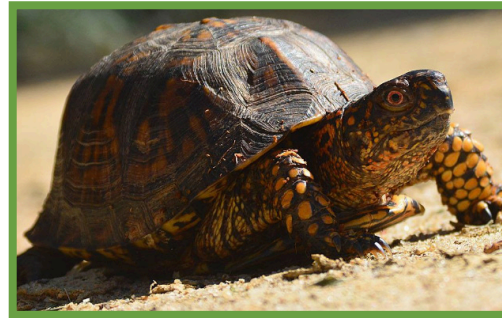
*Cape Fear Botanical Garden also offers Middle & High School Classroom Programs. Check out our separate brochure for those offerings.*



Experience the Garden in a new way as you explore the eleven topiaries exhibited throughout the Garden until December 2022. This exhibit is presented by United Way of Cumberland County Youth Growth Stock Trust, Relyus Direct Mail Solutions, and several private donors.

To schedule a program, please contact Barbara Goldentyer, CFBG Education Manager:  
***bgoldentyer@capefearbg.org***.

Please allow for plenty of advanced notice as programs are offered when staff are available on a first-come, first-serve basis. Availability can be limited in the spring months.



**Cape Fear Botanical Garden**  
536 N. Eastern Blvd.  
Fayetteville, NC 28301

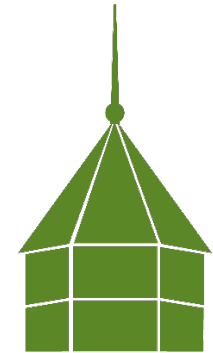


**capefearbg.org**

Follow us on:



FAYETTEVILLE • CUMBERLAND CO.  
**ARTS COUNCIL**



CAPE FEAR  
BOTANICAL  
GARDEN

# CLASSROOM GUIDE



# CLASSROOM PROGRAMS

## Wacky Weather

**Grades: Pre-K, K, 2nd, & 5th**

Students will learn about the weather and the seasons with fun hands-on activities and amazing extreme weather demonstrations. Students will make an art project featuring a tree in four seasons or a weather vane.

## Life Cycles

**Grades: Pre-K - 2nd**

An introduction to the incredible wonders of metamorphosis, this class will get students excited about learning how frogs grow. The class includes a short story book, a puppet skit, a hands-on life cycle activity, and an opportunity for students to take home their own “frog eggs”. In the second half hour students explore butterflies and use a magnifying glass to look at preserved specimens.

## Soil Science

**Grades: 1st & 3rd**

Students will learn the different components of soil and how it helps plants grow. Students will feel the differences between clay, silt, and sand, explore soil layers with sediment jars, and play a game modeling the passage of water through soil. 1st graders also “sort” soil into its various components, while 3rd graders integrate a scientific use of fractions to create a pie chart displaying the different components of soil. Students take a real soil core from natural areas near their school and study the sample. Afterwards, they will enjoy a delicious edible “dirt” pudding cup that shows all the layers of real soil.

*Note: Allergy restrictions may prevent some students from participating in the edible “dirt” pudding activity. Please contact us for details.*

## Remarkable Reptiles

**Grades: 4th & 5th (Involves 2 Reptiles!)**

Students will learn what makes an animal a reptile and have the opportunity to meet two live reptiles. Younger students will focus on what reptiles need to live and how they move, while older students learn reptile adaptations and their roles in their native ecosystems. Students then rotate through our reptile activity stations to try “shedding”, examine snake skin up close, and make reptile rubbings featuring reptiles from around the world.

## Animal Detectives

**Grades: 4th & 5th**

This program introduces students to the many types of animal signs, such as tracks and scat, which allow us to gather information about animals we can’t actually see. Many mammals are nocturnal and animal signs are often the easiest way to know when these animals have been around. The class includes a grade specific introduction to the most common mammals in our area, followed by six animal sign stations which allow students to match animal tracks, compare scat replicas, examine a real nest, and use all their senses to explore a wide variety of animal signs. Then students create their own animal tracks to take home.

*Note: This class is highly adaptable and typically a great option for special needs or inclusion groups.*

## Seeds and Sprouts

**Grades: Pre-K - 3rd**

Want to learn what a plant needs to grow? Or how a small seed becomes a giant tree? This class starts with a fun garden story. Then, each student will dissect his or her own seed. Students will make rubbings of different plants and flowers. After rotating through, students will experience sensory plant activity stations and plant their own seeds.

# FAQS

## What if I have more than 25 students in a class?

Students can stay in their regular class groups up to 35 students, but activities are best suited for smaller groups. ***Please do not combine classes.***

## Can we book a classroom program if we’re a school outside of Cumberland County?

Yes! However, travel time and gas reimbursement fees may apply. Please call (910) 486 - 0221 ext 43 for an estimate of costs for your location.

## What are the best options for preschool classes?

Our Life Cycles class is about how a frog grows up, Wacky Weather is about seasons and weather, and Seeds and Sprouts are all adjustable for preschool. Preschoolers will experience feeding insects to a frog puppet, watching a water tornado, planting a seed, and learning early science concepts.

## How do we pay?

To hold your date, a \$25 deposit is due and will be deducted from the price of your program. **Full payment is due on the date of your program.** You can pay with a check made out to Cape Fear Botanical Garden or pay over the phone by calling (910) 486 - 0221, if you wish to use a card.

