

Cape Fear Botanical Garden

Field Trip Guide 2020-2021



Walking tours and hands-on projects match various objectives within the North Carolina Essential Standards for Science and other subjects.

FIELD TRIP OPTIONS

Programs are maximum 25 children per class. The Garden can accommodate multiple classes per morning. Please inquire about afternoon and weekend availability.

Option One:

Walking Tour OR Hands-On Program

\$100 per class (25 students max per class)
Approx. 45 minutes-1 hour 15 minutes*

Option Two:

Walking Tour AND Hands-On Program Combo

\$150 per class (25 students max per class)
Approx. 2-2.5 hours*

*Add one hour if you plan to eat lunch at the Garden

Option Three:

Smaller Groups

\$5 Per Person for Tours for Groups of 15 or Less

\$7 Per Person for Tour and Workshop for Groups of 15 or Less

This option is available for a limited time, while many programs try to operate in smaller groups for social distancing.

WALKING TOURS

Nature Discovery Hike

Targeted For: All ages.

The Garden teems with fascinating plants, animals and their signs. Ramble around and let the children's keen sense of discovery direct what we learn.

Flower Investigation

Targeted For: 1st, 3rd and 6th Grade

What are the different parts of a flower and how are they used in pollination to create new flowers? Children will discover the more during this hike.

Forest Exploration

Targeted For: 1st and 3rd Grade

An elementary level forest walk on flat terrain. Observe plants, animal signs, habitats, and the Cross Creek. Discuss how animals depend upon the forests, the river, and the creek.

Heritage Farm Tour

Targeted For: 3rd, 4th, and 5th Grade

Explore life on a NC farm at the turn of the 20th century. This tour includes a look at four historical buildings and our vegetable and herb gardens.

HANDS-ON PROGRAMS

Texture Hunt

Targeted for: Pre-K and K

Use your five senses, especially touch, to explore the Garden. Learn vocabulary and find natural objects of various textures to be used for a craft.

Reptiles

Targeted for: K, 1st, 2nd, 4th and 5th grade

Discover the diversity of reptile characteristics. Then, meet some real live reptiles! For the health of our resident reptiles, we can only accommodate two classes per day for this topic.

Vermicomposting (Worms!)

Targeted for: 1st, 2nd, and 3rd grade

Discuss where worms live, their adaptations and how they are used to “vermicompost”. Explore a worm compost bin for live creatures.

Seeds and Sprouts

Targeted for: 1st and 3rd grade

See what is inside a seed, learn how they grow, and how they travel. Plant your own seed to take home and watch grow.

Soil Scientists

Targeted for: 1st and 3rd grade

Explore sand, humus and clay by getting your hands good and soil-y! Become a junior soil scientist by using tools to take a soil sample to determine which soils are found in the Garden.

Pond Study

Targeted for: 2nd and 5th grade

Be prepared to get your hands muddy as we explore the pond in search of tadpoles, fish and dragonfly nymphs! For the health of our pond critters, we can only accommodate two classes per day for this topic. (Recommended April-October.)

Insect Adaptations

Targeted for: 2nd, 4th, and 5th grade

Insects can be found in all different types of habitats, but how do they survive? Learn about the different characteristics that help insects survive through hands on activities. Try and catch insects in our Garden to get an up close look at the different adaptations of insects. (Recommended April- October.)

Plants and Photosynthesis

Targeted for: 3rd, 5th and 6th grade

Engage in a variety of activities to understand the processes by which plants use sunlight, water, and carbon dioxide to create oxygen and sugars.

Ecosystems

Targeted for: 5th and 6th grade

Understand how biotic and abiotic factors play an important role in a variety of ecosystems. Discuss the food web using hands-on activities to see how everything is connected.

Custom Programming Available

Are you looking for a different topic? Custom programming may be available for older students, scout badge work, and envirothon study!

Social Distancing, Virtual Classes, and On-Your-Own Explorations

Social Distancing Practices

CFBG is making every effort to ensure the safety of all participants. We update our social distancing policies regularly as new guidance is available. Please contact our education staff for questions regarding up-to-date group size limits and sanitizing policies.

Please also know that all field trip programs are held completely outside. For back-to-back classes tables, chairs, and supplies can be sanitized between groups!

EDUCATION MASK REQUIREMENTS

The Garden now requires visitors, aged five and up, attending any Garden education programs to wear masks at all times, indoor and outdoor, unless actively eating and drinking. *To better protect the health and safety of visitors, our Education Team, and those who may have compromised immune systems, the Garden will not allow exemptions or exceptions to this policy. Please help us keep everyone safe. Should you have any questions, please contact our Education Manager Barbara Goldentyer at 910-486-0221, ext. 43 or email: bgoldentyer@capefearbg.org*

Virtual Classes

We are currently offering virtual classroom presentations . Topics include seeds and sprouts, animal life cycles, insect adaptations, animal signs and tracks, and reptiles. All virtual programs are an estimated 20-30 mins in length and must be scheduled at least 2 weeks in advance. Please email bgoldentyer@capefearbg.org for pricing. Please also see our separate Classroom Programs Brochure for information about having an instructor visit your school or organization.

On-Your-Own Field Trip Kits

We offer 5 field trip kits for check-out as an accompaniment to a tour or a workshop or a completely on-your-own (contactless) field trip. All five Field Trip Kits contain all the instruction, background information, and supplies for teachers to confidently lead the included activities. Contact our education staff for more detailed information about Field Trip Kits.

1. Garden Scavenger Hunts (The best option for groups with multiple classes!)
2. Nature Journaling
3. Environmental Field Games
4. Nature Books in the Garden
5. Nature Puzzles and Board Games

Frequently Asked Questions

How do we book a trip? Fill out the **online registration form** found at capefearbg.org under the Education tab. Dates are reserved by order of completed forms received. Please be sure to provide an email you check frequently, as important details will be emailed ahead of your visit.

How many chaperones do we need? We ask for a minimum of one adult per ten children and one adult per seven children for second grade and below. There is no charge for teachers, bus drivers and school staff. Additional chaperones pay a discounted admission rate of \$5 per person.

How do we pay? A \$25 check is required to hold your reservation. Deposits are not cashed and will only be used for groups who do not show up without calling the Garden. Full payment is due on the date of your program; VISA, Master Card, and checks are accepted. Please present a single form of payment the day of your trip for all participants. If submitting cash, please submit only large bills. The \$25 deposit may be applied to your total balance or it may be returned to you.

Where do the buses park? There are three large bus parking spots just past the visitor parking area. Children may unload from these bus spaces. Garden staff and volunteers will be on hand to assist.

What happens once we arrive? A Garden educator will be waiting at least 15 minutes prior to your scheduled arrival. Please call (910) 486-0221 if you will be more than 15 minutes early or late. Once children are organized into classes, the programs can begin!

What should we wear? Soil, water, and mud are the norm- and all programs are held outside. **Please dress for the weather** (including sweaters in March and early April!) and wear closed-toed shoes. Please refrain from wearing scented perfumes or body sprays that may attract insects!

Where do we eat lunch? The Garden has a large covered picnic area available for lunch. Lunch time will take place AFTER scheduled programming concludes. Lunches should be placed in coolers or boxes prior to arrival to the Garden. Please do not allow students to carry individual lunches during programs. Lunches will be transported for you. There are no water fountains on the trails so please be sure to bring water as needed. Recycling and trash containers are provided.

What if it rains? Programs are conducted outdoors in all but severe weather. If severe weather is present, an attempt to reschedule your group will be made. Sometimes a little rain makes the best field trip memories!

Can we visit the Gift Shop? Absolutely! The Garden Gift Shop offers garden and nature related items for of all ages. Please inform us at the time of registration if you plan to visit the Gift Shop. We are happy to assist with sending small groups of students through the shop.

Is the Garden accessible to students of all abilities? Standard wheelchairs can travel most paths and trails, (except the River Trail), as long as the pusher is able to help negotiate occasional obstacles. For all but the River Hike Tour, golf carts can be reserved for \$25/hour, which includes a driver from the Garden. Please make sure to reserve a golf cart at the time of reservation.

How do we best prepare students for a visit? The Garden is essentially a 'plant museum' so picking is not permitted unless called for by the guide or instructor. Any animals encountered are wild and should not be approached or chased. Running on trails is discouraged.

I have another question not addressed here. Please contact Barbara Goldentyer, Environmental Education Manager at bgoldentyer@capefearbg.org or (910) 486-0221 x43.

Correlation to NC Essential Standards

Guided Walking Tours	PreK	K	1 st	2 nd	3 rd	4 th	5 th	6 th
Nature Discovery Hike	✓	K.P.2 K.L.1 EX.K.L.1	1.L.1 1.L.2 EX.1.L.2	EX.2.L.2	3.L.2		5.L.2 5.L.3	
Flower Promenade			1.L.1 1.L.2	2.L.2 EX.2.L.2	3.L.2 EX.3.L.2		5.L.1 5.L.2 5.L.3	
Urban Forest			1.E.2 1.L.1 1.L.2	2.G.2 EX.2.L.2	3.E.2 3.L.2	4.L.1	5.L.2	6.L.2
Heritage Farm Tour					3.G.1.2 3.G.1.3 3.E.1.2	4.G.1.2 4.G.1.3 4.G.1.4	5.G.1.2 5.G.1.3 5.C.1.4	

Hands-On Programs	PreK	K	1 st	2 nd	3 rd	4 th	5 th	6 th
Texture Hunt	✓	K.P.2						
Reptiles		K.L.1	1.L.2	2.L.2		4.L.1 EX.4.L.1	5.L.2	
Vermicomposting		K.L.1	1.E.2 1.L.1 1.L.2	2.L.1 2.MD.1 EX.2.L.2	3.L.2		5.L.2	
Seeds and Sprouts			1.L.1 1.L.2	EX.2.L.2	3.L.2 EX.3.L.2		5.L.1 5.L.2	6.L.1 EX.6.L.1
Soil Scientists			1.E.2 1.L.1 1.L.2		3.E.2 3.L.2 EX.3.L.2			
Butterfly Bonanza			1.L.1 1.L.2	2.L.1 2.L.2 EX.2.L.2			5.L.2 5.L.3	
Pond Study				2.L.1			5.L.2	
Insect Adaptations				2.L.2 EX.2.L.2		4.L.1 EX.4.L.1	5.L.1 5.L.2 5.L.3	
Plants and Photosynthesis					3.L.2 EX.3.L.2		5.P.2 5.L.1 5.L.2	6.L.1 6.L.2 EX.6.L.1
Ecosystems							5.L.2 EX.5.L.2	6.L.2 EX.6.L.2