

Field Trip Program: Geocaching and Teambuilding

At The North Carolina Arboretum

Get your students out from behind their desks, active and outdoors with this exciting program! We'll develop team dynamics with some communication-rich outdoor games and initiatives here on our 434-acre forested campus. Then we'll learn the basics of using a handheld GPS unit, discuss the technology behind the game, and hunt for several of the ten geocaches located on our property. Students will be in hot pursuit of the caches as they hone in on waypoints, and will get to switch a trinket out of geocaches when found. A great, physically active way to enhance an educational visit to the Arboretum!

Principles:

- Goals can be met more easily by involving and communicating with every individual in a group.
- Global Positioning Systems use satellites and triangulation to determine the device's position on the globe.
- GPS units can be used to locate waypoints that other individuals have set.
- Geocaching is an outdoor activity combining both recreation and technology.
- GPS technology has many practical applications in science, technology, engineering and mathematics careers.



Duration: 1.5 hours

Cost:

Students	Visit Fee	Lunch Location Fee	Program Fee	Total Cost	Total Cost/ Person
10-20	\$65.00	\$20.00	\$105.00	\$190.00	\$19.00 - \$9.50
21-40	\$65.00	\$20.00	\$210.00	\$295.00	\$14.05- \$7.38
41-60	\$95.00	\$20.00	\$315.00	\$430.00	\$10.49- \$7.17
61-80	\$95.00	\$20.00	\$420.00	\$535.00	\$8.77- \$6.69
81-100	\$150.00	\$20.00	\$525.00	\$695.00	\$8.58- \$6.95
101-120	\$150.00	\$20.00	\$630.00	\$800.00	\$7.92- \$6.67

Starting Location: In front of the **Education Center** (unless told otherwise) at the program start time (either 9:30 am or 12:00 pm) set upon booking the program. It is recommended that groups arrive on property at least 15 minutes before the start of the program to ensure enough time to complete the program. Groups arriving early may enjoy the property and facilities.

What do my students need?

Students should wear clothing that is appropriate for the weather. The entirety of the program will take place outdoors, so students, teachers and adult chaperones should wear sturdy footwear. Students with accessibility needs are capable of participating in the program. Please notify the Coordinator prior to the day of the program to make any special arrangements.

Want to schedule this program? Fill out the Google Form. For assistance, contact Katie Gorman, at kgorman@ncarboretum.org or 828-828-567-3165 ext. 219.

Questions about this program? Contact Rich Preyer, Programs Coordinator, at rpreyer@ncarboretum.org or (828) 412-8558 ext. 626