

Field Trip Program: Down and Dirty with Soil

At The North Carolina Arboretum

Hands-on experiences in the outdoors, along with games and demonstrations are at the core of this program. Students will use soil probes to locate and identify soil types, examine soil's ability to hold water, and learn its importance in how we grow food.

Principles:

- Soil can be identified by observing its color, texture and its ability to hold water.
- Soil is important for plant growth.
- Soil contains sand, clay and/or humus.
- Soil contains both living and non-living elements.
- Our ability to produce food is dependent upon our quality of soil.



Duration: 1.5 hours

Cost: \$6.00 per student/parent chaperone. Teachers with the school are free. Payment should be given to the instructor at the start of the program. A second program can be booked at a cost of an additional \$3.00 per student.

Months Offered: September-November, March-May.

NC Science Curriculum Goals:

First Grade: 1.E.2.2

Third Grade: 3.L.2.4

NC Mathematics Curriculum Goals:

Third Grade: 3.NF.1

Starting Location: In front of the **Education Center** at the program start time (either 9:30 am or 12:00 pm) set upon booking the program. Groups arriving early may enjoy the property and facilities. Only school groups that have pre-registered for an exhibit visit may enter the exhibits at the Baker Exhibit Center.

What do my students need?

Students should wear clothing that is appropriate for the weather. A majority of the program will take place outdoors, so students, teachers and adult chaperones should wear sturdy footwear. Students with physical disabilities or limitations are capable of participating in the walk, but the instructor should be told prior to day of the program to make any special arrangements.

Want to schedule this program? Contact Michelle Pearce, Youth Education Coordinator, at mpearce@ncarboretum.org or (828) 665-2492 ext. 624