

# 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:

| 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     |



## NC Science Essential Standards:

First Grade: ESS.1.2.2

Third Grade: LS.3.3.2

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 Youth Education, at [youtheducation@ncarboretum.org](mailto:youtheducation@ncarboretum.org) or 828-567-3165 ext. 219

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