

# Field Trip Program: More than Metamorphosis

At the North Carolina Arboretum

Discover the many different types of life cycles found in nature as we explore the incredible plants and animals in the area. Learn about the important role each stage of a life cycle has for every living thing, how these plants and animals interact during the different stages of their life cycles, and how they can affect their environments. Hands-on demonstrations and field experiences are sure to make your students bug out!

## Principles:

- Plants and animals experience a life cycle that includes different stages of growth and development.
- The details (amount of time, number of stages) of the life cycle stages are different for specific plants and animals.
- During different stages of development, plants and animals might look the same, similar, or completely different from the “parent.”
- Plants and animals will have varied needs at different stages of development including a need for different habitats.
- Metamorphosis is one kind of life cycle.

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. The warmer months provide more opportunities to find arthropods outdoors.

NC Science Essential Standards:

Second Grade- 2.L.1.1, 2.L.1.2, 2.L.2.1, 2.L.2.2

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](mailto:mpearce@ncarboretum.org) or (828) 665-2492 ext. 624

