

Field Trip Program: Amazing Arthropods

At The North Carolina Arboretum

Discover the world of insects, spiders, millipedes and other arthropods as we explore these incredible creatures. Learn about insect life cycles and how insects interact with trees as we explore our forests and fields in search of butterflies, dragonflies, beetles and bugs. Hands-on demonstrations and field experiences are sure to make your students bug out!

Principles:

- Arthropods are a diverse group of invertebrates that are found all over the world.
- Insects are a type of arthropod; there are many ways in which they share relationships with trees and other living things.
- Arthropods inhabit many habitats in the mountains of North Carolina and can be found with the aid of a number of tools.
- Arthropods are important members of our ecosystem in the ways they serve as food for other organisms and pollinate flowers.
- Many insects have life cycles that include metamorphosis.
- Arthropods have unique survival strategies that enable them to avoid predators.



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

Months Offered: September-November, March-May. The warmer months provide more opportunities to find arthropods outdoors.

NC Science Essential Standards:

Kindergarten: LS.K.1.2, LS.K.2, LS.K.2.1

Second Grade: LS.2.1.1, LS.2.1.2, LS.2.2.1, LS.2.2.2

Fourth Grade: LS.4.1.1, LS.4.1.2, LS.4.1.3

Fifth Grade: LS.5.2.1, LS.5.2.3

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 or 828-567-3165 ext. 219

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