



## Entomology Outreach Form

Thank you for allowing us to present an educational program to your class or group. Please fill out this survey form and return it to the outreach coordinator to complete the reservation process. The form can be completed in Word and emailed back to the coordinator ([ufbugs@ifas.ufl.edu](mailto:ufbugs@ifas.ufl.edu)) or printed and faxed to 352-392-0190.

Contact for the outreach event:

Contact phone:

Contact email:

Proposed date and time of outreach event:

Location of outreach event (include the physical address):

Estimated number of participants involved in the outreach event:

Grade level(s):

Estimated number of males and females:

Males

Females

Demographic Information. Please provide the number of students that are:

Caucasian

Hispanic

African-American

Pacific Islander

American Indian or Alaska Native

Other

Asian

Each program lasts about 30 minutes except for the insect scavenger hunt which last one hour. We limit participation to 20 students per program. All programs except one (Departmental tour) can be conducted either off campus or on campus. Please note that there are both presentations and activities available. Typically, you will choose two programs for each group of 20 students for an hour long event. If you have more than 20 students, please contact the outreach coordinator so that accommodations can be made.

Choose which programs you would like us to conduct. For a one hour event, you would choose two 30 minute programs. Descriptions of the activities are provided.

PowerPoint Presentations:

- Insect Body Parts and Insect Senses (Kindergarten)
- Insect Life Cycles and Basic Needs (First Grade)
- Insect Life Cycles, Basic Needs, and Habitats (Second Grade)
- Classification of Insects and Insect Response to Seasonal Changes (Third Grade)
- Insect Behavior and Life Cycles Featuring Insects Found in Florida (Fourth Grade)
- Insects that Impact the Environment Featuring Insects Found in Florida (Fourth Grade)
- Comparing and Contrasting Structures of Humans and Insects (Fifth Grade)
- Insect Adaptations (Fifth Grade)
- Insect Homeostasis (Sixth Grade)
- Using Insects in Science Fair Projects (Seventh and Eighth Grades)
- Invasive Insects and their Impact on Native Populations (Seventh Grade)
- Biodiversity and Invasive Species (Grades 9-12)
- Beekeeping (Apiculture)
- Entomology Careers (all grade levels)

Activities:

\_\_\_ Arthropod Petting Zoo

- This activity involves meeting several members of our critter lab such as a scorpion, a tarantula, a millipede, a cockroach, a beetle, etc. The type of animals presented depends on the time of the year.

\_\_\_ Insect Scavenger Hunt

- This one hour activity involves going out to your schoolyard or the natural area here on campus to find different types of insects that are found there. We bring the insects back with us to the classroom or lab and discuss what we found.

\_\_\_ Maggot Painting

- Using maggots dipped in paint, students can create art that they can take home.

\_\_\_ Mouthparts Relay

- This activity explores how insect mouthparts differ in their appearance and use. Students break into teams and see who can master the different types of insect mouthparts and how they work in the fastest time.

\_\_\_ Pollination Station

- Using candy as “nectar”, pom-poms as “pollen”, and a bucket for the “flower”, students will learn how pollen is transferred from one plant to another, what makes a good pollinator, and what plants do to help ensure pollination occurs.

\_\_\_ Termite Trails

- This activity shows students how the ink of some pens mimics the pheromone that termites use in trail making.

\_\_\_ Department Tour

- Available on-campus only –Mondays between 8:00 and 11:30 and Tuesdays between 8:00 and 11:30. **Departmental tours are restricted to ages 8 and above (3<sup>rd</sup> grade and above).**