Curriculum Objectives
This workshop focuses on common pests that can be found in the garden and on ways to minimize their presence and impact. Students will learn about which species of pests are commonly found in the garden, where these pests reside, and what plants they target. Furthermore, students will be taught ways to recognize various pests and pest impacts and how to determine when plants should be pulled and removed from the garden. They will also learn about techniques that can help prevent pests such as companion farming, organic pesticides (such as vinegar water and chili flakes), and other home remedies (such as using small pieces of cardboard to prevent larvae growth).

Details
Location: Stono Preserve or other garden space
Lesson: Outdoors
Activity: Outdoors
Time of year: Anytime
Partners: Clemson Extension (potential workshop on fire ants, see their website: Fire Ant Management In The Home Lawn)
Age: Elementary school

Materials
- Water
- Vinegar
- Hot chilis
- Soap
- Old spray bottles
- Paper
- Colored pencils/markers/crayons

Activity
In this activity, students will have the chance to help and/or observe in the creation of DIY pest control measures for home insecticide use. Some examples include combining water and vinegar, water with hot chilis, and water with soap. Students also create their own graphic demonstrating the good and bad bugs they learned about in the lesson. Students draw and identify various bugs on identify pest control measures associated with each.
Additional Resources

- Why You Should Spray Vinegar Around Your Windows (blog post)
- DIY Garden Bug Spray (video)
- How to Make Soapy Water Garden Insect Sprays (video)
- Kitchen Remedies for Your
- Garden: Hot Pepper Spray Garden Recipe (video)

Source: Garden 365