



## ***Pre-Visit/Post-Visit Guide***

## ***Lesson Name: Nature Quest***

### **Summary of Lesson:**

It takes cooperation to survive! Students will enjoy a guided nature walk with a naturalist to discover how the animals and plants in their environment rely upon each other as a source of nutrients and shelter. Emphasis will be placed on field safety and scientific observation. **(NOTE: in the event of inclement weather, students will remain indoors and participate in a Life Cycles lesson)**

### **South Carolina Science Standards: 2.L.5B.1**

### **Pre-Visit Resources**

- **Content and Activities**
  - **Teacher/Chaperone Expectations:** Please help us by letting us know of any special accommodations for your children prior to the lesson. Your assistance with classroom management and distribution of supplies will also be greatly appreciated.
  - **Instructions for Teachers:** Please report to the Harrison Hall of Science for this lesson. Please encourage students to dress for a 45-minute outdoor exploratory lab.
  - **Key Vocabulary:** food, shelter, survive, plant, animal, adaptation, forest, pond, observation
  - **Key Questions Addressed in Lesson:** How do plants help animals to survive? How do animals help plants to survive? What adaptations do they use to help them survive?
  - **Content Preview Video:** This is a short video showing a girl and her father observe their surroundings on a nature walk. Encourage students to make connections between plant and animal relationships as they watch the video. Sesame Street: Nature Walk (3:24)  
<https://www.youtube.com/watch?v=1nXmIDejoHk>

### **Post-Visit Resources**

- **Writing Prompt:** Imagine you are a bird, bee, or butterfly traveling around your neighborhood (or school). Write and draw a thank you note to all the plants that helped you survive.
- **Possible Lesson Link:** As part of this teacher's Butterfly Life Cycle activities, she has a hands-on lab that shows how butterflies help plants to grow. It is easier to show how animals need plants, but this lab helps to show how plants need animals as it provides a FUN pollination simulation.  
<https://aroundthekampfire.com/2015/05/butterfly-life-cycle-resources-free-printables.html>
- **Video Link:**
  - Science up with the singing zoologist features "Pollination lesson with stop motion science animation for kids". This video shows how pollination helps flowers and bees.  
[https://www.youtube.com/watch?v=zy3r1zIC\\_IU](https://www.youtube.com/watch?v=zy3r1zIC_IU) (2:40)
  - "Learn More About Pollinators" <https://www.youtube.com/watch?v=3bqwcky-01M> (3:18)  
This video takes a fun look at other pollinators and describes how they and humans interact to help each other.
- **Career Connections:**
  - Bee Keeper, Entomologist, Ecologist, Nature Guide, Natural Resources Officer

- "Kids Who Keep Bees" [https://www.youtube.com/watch?v=rlrqjW-kh\\_I](https://www.youtube.com/watch?v=rlrqjW-kh_I) -- This video introduces a group of students who are learning to become beekeepers. They have a beekeeping club at their school.