

Focus on: Garden Animals and Their Needs

This lesson is meant to support the unit on Ecosystems. It should be completed after students have learned the basic needs of animals.

Clarifying Objectives:

1.L.1.1 Recognize that plants and animals need air, water, light (plants only), space, food and shelter and that these may be found in their environment.

1.L.1.2 Give examples of how the needs of different plants and animals can be met by their environments in North Carolina or different places throughout the world.

Key Vocabulary:

Definitions can be found at <http://learnersdictionary.com>

- Plants
- Animals
- Air
- Water
- Light
- Space
- Food
- Shelter
- Environment
- Needs

Focus Question(s):

What do animals need to grow? Why do animals live in our garden?

Materials:

- School Garden
Garden Notebook
- Garden Gloves to protect hands while searching for garden animals
- Camera, iPad or some other device to take pictures

Activities:

1. Review the needs of animals with the class.
2. Show the following “The Needs of an Animal” video/song to the class. Get them to repeat the verses. <http://www.youtube.com/watch?v=yJg-2DIwems>
3. Tell the class that today we are going to visit the garden to search for animals.
4. What are some tips for helping us to find the most animals? (Move slowly, speak quietly, be patient, look closely, etc.)
5. Remind students that they will have to look VERY closely in the garden to find the animals. Encourage students to look on leaves, dig a LITTLE in the soil, look at the base of plants, everywhere!
6. When one animal is found, there will be a rush of other students who

Guiding Questions:

- What animal did you find?
- Where was it found?
- What was it doing?
- Why is this animal in our garden?
- What does the garden have that it needs?
- Is that animal a garden pest or a friend to the garden?
- Is there something else that could visit the garden that might eat the animal

<p>want to see the animal too. Remind them to walk and take turns looking at the animal without pushing. We don't want to harm the people, the animals or the plants in the garden.</p> <ol style="list-style-type: none">7. When students find an animal, have them observe it in their natural habitat and take a photo of it.8. Students should write in their science notebook everything they see on or around the animal and everything they know about the animal. What does it need?9. Ask the Guiding Questions.10. Once you return to the room, find an article or two from books, magazines or the internet that tells you about the animal(s) you have found. Encourage each table to read about a different animal and share their findings.11. Watch "Get Pinchy Home". http://lightupeducation.com/organism.html How are the needs of each animal in the video clip being met? How are those needs similar to the needs of animals your found in the garden? How are the needs different?	<p>you found?</p> <ul style="list-style-type: none">• Does every animal in a garden want to eat the plants?• Is it ok to have animals in the garden?
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