

This Old Habitat Activities

Part I –Understanding Habitats

This activity will help refresh students' understanding of habitats and the basic requirements of all living organisms. Hand out *Activity Sheet #1A* to each student. Instruct students to follow the instructions on *Activity Sheet #1A* using the five pictures on *Activity Sheet #1B*. Students can either look at the pictures using the computer, or the pictures can be printed and passed out to groups of students. Each group should have a complete set of pictures. Have students complete *Activity Sheet #1A*.

Once they have completed *Activity Sheet #1A*, review it as a class. Discuss each section of the activity, hypothesis, results/data, conclusion, and analysis by having students read their answers aloud. Check the success of the study by asking students to name the basic requirements, list them on the board as they are called out. Unless the students provide all of the correct answers, have them group the things listed on the board into categories. For example oxygen and air, should be just air. As specific items begin to be eliminated, there should be five requirements named on the board: food, water, air, sun and shelter.

Activity Page #1A

Basic Requirements for Organisms

Problem:

All plants and animals (including people) have a few basic requirements. The area where these requirements are found for any given organism is called a habitat. All living organisms must have those requirements met in order to survive. What are the basic requirements for all living things?

Hypothesis:

Based on your past knowledge of habitats list what you think are the basic requirements for all organisms.

Procedure:

These photographs are pictures of habitats. If each is a habitat, then each must have all the requirements organisms need to survive. To figure out what these requirements are, look for the similarities between each of the pictures. What are the things that all of the pictures have in common? List at least five under the Results/Data section.

Results/Data:

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Conclusion:

Compare your hypothesis with your data. How are they the same? How are they different?

Analysis:

Describe another test that would determine the basic requirements for all living organisms.

Activity Page #1B (photographs 1&2)



Activity Page #1B (photographs 3&4)

