

Name_____ Date_____ Section_____

Title: Activity 2 Introduction to Ecology

Challenge Questions: How are different parts of the environment connected?

Background: Write 3 things that you know about ecosystems already.

Materials:

Ecology and the Environment book

Vocabulary: Define the following terms in your own words.

Term	Definition	Picture or Example
ecology		
abiotic factor		
biotic factor		
population		
species		
community		
ecosystem		
biome		
habitat		
niche		

Procedures:

1. Read pages 4 - 17 in *Ecology and the Environment* book.
2. Answer questions 1 - 3, 5 - 11, 13 - 18 from the reading.
3. Do Lesson Review on page 15, questions 1 - 10.
4. Create definitions for the Vocabulary. Answer Analysis Questions.
5. Write Conclusion.

Data/Results:

(Write your responses to the book questions in this section in your science notebook.)

Analysis Questions: Write answers in your science notebook.

1. How do plants and animals differ in the ways they interact with biotic and abiotic factors to meet the basic need of food?
2. How does a species differ from a population?
3. What is the difference between a community and an ecosystem?
4. Why might an organism's habitat change at different stages of its life? Give an example to support your answer.

Conclusion: How are different parts of the environment connected? Use data, evidence and examples from the assigned reading to support your answer.

[illegible]