

Student Sheet

name _____

Title: My Ecosystem

Introduction: Living (biotic) and nonliving (abiotic) things in an ecosystem interact with one another. Careful observation of a selected area within an ecosystem can reveal complex interactions. In this activity you will select, observe, classify, draw and write about an ecosystem.

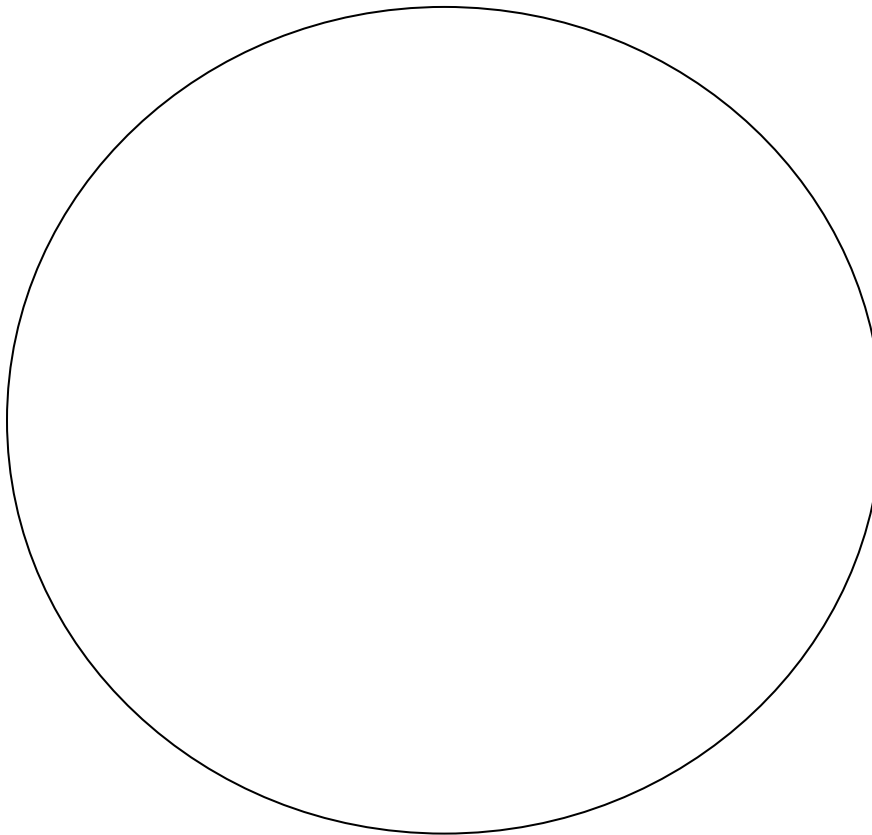
Materials: string or hula hoop, pencil

Procedure:

1. Go to the area your teacher suggests and choose a spot. To make sure it is randomly chosen, close your eyes when throwing the hoop or string.
2. If you are using string, spread it in a circle from the center of the spot it landed. Draw the things you see inside it. If you do not know the name of something, describe it. Place your descriptions or names in the correct category on the data table.
3. Write a poem describing at least three of the interactions of biotic and abiotic factors in your area. The poem should have minimum of 10 lines.

Data:

drawing:



Abiotic Factors	Biotic Factors

Poem:

Analysis:

1. Describe the interactions between a plant and the abiotic factors in the ecosystem:
2. Describe the interactions between an animal and the abiotic factors in the ecosystem:
3. Describe an interaction between two biotic factors in the ecosystem:
4. Describe an interaction between two abiotic factors in the ecosystem:
5. Which abiotic factor in an ecosystem would be impossible for you to live without even for a few minutes?