

ECOSYSTEM OBSERVATION DATASHEET SAMPLE

Part 1: Observation sheet

Ecosystem Type/name:				
Topography (flat, hills, mountains)				
Soil	Moisture (wet, moist, dry)			
Temperature (Cool or hot)	3 feet above ground			
Water (if water is in this ecosystem)	Temperature			
	Flow:			
	Fast Slow Not moving			
Aquatic plants Algae Plants under water Plants growing out of water				
Terrestrial plants Grass, plants, shrubs, trees: How many				
Animal life Animals seen or signs of life (tracks, chewed twigs, etc)				
Positive impacts on Ecosystem by humans				
Negative impacts on ecosystem by humans				
Other observations				

Assessment questions

1. What data was easiest to collect?
2. What data was hardest to collect?
3. Compare the plant and animal life you found in each ecosystem. Why do you think there are differences? (Think about the interaction between living and non-living things.)

4. What data results did you find interesting?

Part 2: Ecosystem and interdependence

1. Name of ecosystem studied: _____

2. Study site sketch.



3. Description:

4. Make a diagram to show an example of a food chain or food web in the ecosystem you have studied. Label your diagram. Draw arrows to show the flow of energy. Remember food chains and webs show energy flow in an ecosystem through what eats what, including plants and animals.



5. You have noted that due to continuous human negative impacts, a plant in your food chain is the main source of vitamins is under great threat. What will happen should there be an outbreak of disease or Covid -19 in your community?
6. Describe TWO things about the two ecosystems you have studied, such as the types of plants, animals, and weather conditions.
7. What are some threats to your ecosystem?
8. Suggest some ways you can protect your ecosystem?