



A Closer Look at Ecosystems: Student Activity Sheet

Name: _____

Date: _____

Part 1: Exploration

Sort the cards into groups based on similarities of your choice. You may have as many groups as you want. Each group must have two or more cards.

How did you group the pictures? _____

Which cards were difficult to place? _____

Why were those cards difficult to place and how did you address them? _____

Sort the cards into groups based on where you think they live.

Terrestrial and Aquatic Ecosystems

Sort the cards into two groups: terrestrial and aquatic.

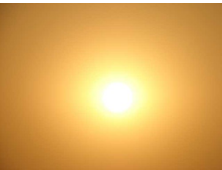

Explain how you placed the cards into terrestrial and aquatic groups. _____



Which cards were difficult to place? _____

Why were those cards difficult to place? _____

Part 2: Learning About Ecosystems

Place the sun, tree, mouse, and fungus cards into a group

Ecosystem Card	Role	Evidence
	Provides initial energy	
	Producer	Receives energy from the sun and grows.

Ecosystem Card	Role	Evidence
	Consumer	Receives energy from eating the grass/tree.
	Decomposer	Receives energy when it breaks down the waste of the tree and the mouse.

What other cards could be added to this ecosystem? What role does each card play in the ecosystem? Provide evidence for your claim.

Ecosystem Card	Role	Evidence

Which cards would not be added to the ecosystem? Explain your reasoning. _____

Part 3: Creating Ecosystems

Select all the cards that you would expect to be in each ecosystem. For each card describe their role in the ecosystem and provide evidence for your claim

Forest Ecosystem

Ecosystem Card	Role	Evidence

Grassland Ecosystem

Ecosystem Card	Role	Evidence

Ocean Ecosystem

Ecosystem Card	Role	Evidence