

Ecosystem Analysis

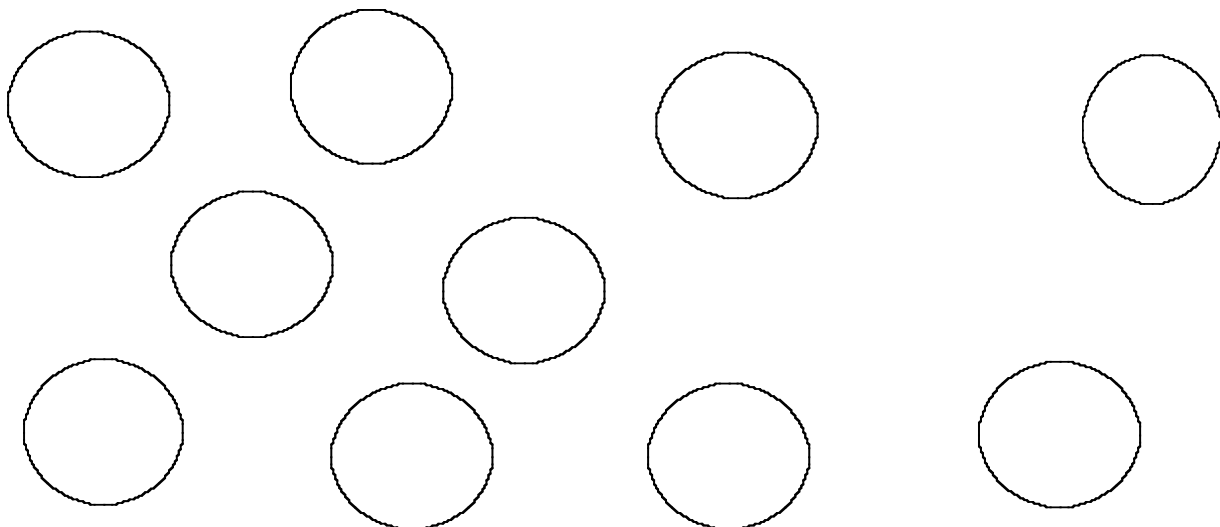
Name:_____

Period:_____

Directions:

1. Watch the video and write the names of the parts of this ecosystem in their correct category.
2. In the space below the table, draw a food web of this ecosystem using circles for each organism and arrows that point from each circle. The arrow should point from the eaten towards the eater. Add more circles if necessary.
3. Answer the questions on the back.

Producers	Primary Consumers	Secondary Consumers	Tertiary Consumers	Decomposers/ Scavengers



Analysis:

1. How can you tell when this ecosystem is in balance?
2. For this ecosystem to work, must it receive any input? What?
3. Can any one part of this system do what the whole system does?
Explain your answer.
4. How is the loss of trees changing how this system functions?
5. Draw an energy pyramid for this ecosystem.
6. Can you identify any organisms that may have to alter the amount of energy they use in order to obtain food because of changes in this ecosystem? What are those changes and which organisms must make the changes?

