

Name: _____ Date: _____ Period: _____

Ecosystem Stations I

Directions: Use the information provided at each station to answer the questions.

Station 1a.- Levels of Organization

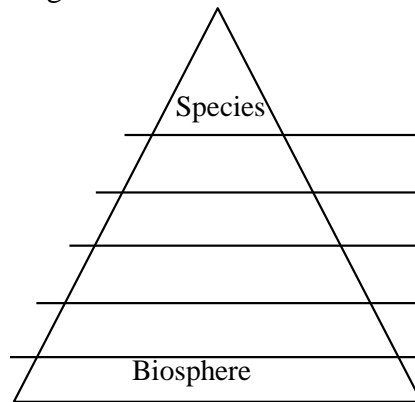


Figure 1.

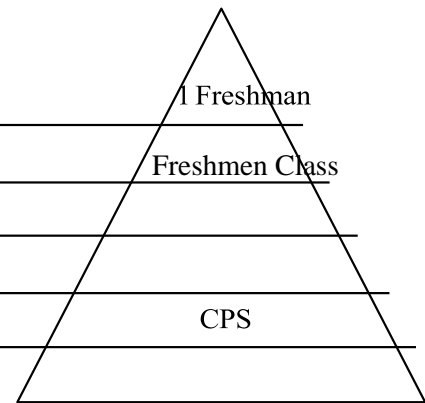
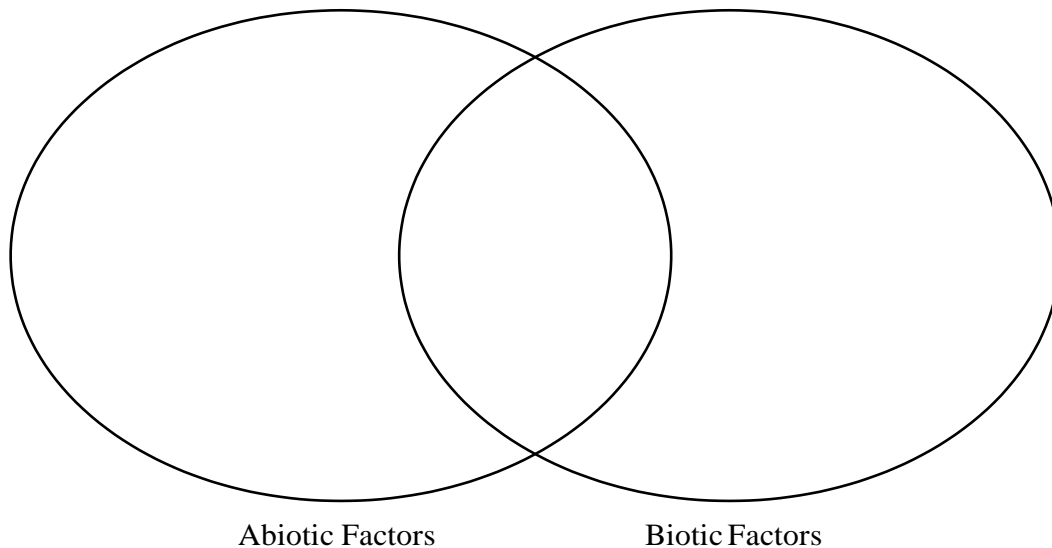


Figure 2.

1. Predict why a triangle is an appropriate shape to model the relationship between these words.

Station 1b.- Factors



2. Which parts of the Kenwood Ecosystem Game are considered to be biotic factors and abiotic factors?

3. When considering the Kenwood Ecosystem Game, which abiotic factor has the greatest affect on the survival of the organisms? Explain your answer.

Station 2- Organism Classification

1. What is the difference between an autotroph and a heterotroph?

2. Another name for an autotroph is a_____.

Another name for a heterotroph is a_____.

3. What is the difference between a primary consumer and a secondary consumer?

4. What type of consumer – herbivore, omnivore, or carnivore – is a human? Why?

Organism	Autotroph or Heterotroph?	Producer or Consumer?	If consumer... Primary consumer or Secondary consumer?	If consumer... Herbivore, Omnivore, or Carnivore
Grass				
Pine Tree				
Fish				
Deer				
Caterpillar				
Bear				
Mouse				
Raccoon				
Wolf				
Squirrel				
Eagle				
Rabbit				

5. Analyze the data table to determine the number of each type of organism.

- a. Primary consumers: _____
- b. Secondary consumers: _____
- c. Herbivores: _____
- d. Omnivores: _____
- e. Carnivores: _____