

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

## Ecosystem Game Intro

Week # \_\_\_\_\_

This week, Kenwood has turned into an ecosystem. You are an individual organism, of a given species, in this ecosystem. You must find the resources you need to survive, while competing against other organisms for the same resources.

*Directions: Using the species card that you were assigned, fill in the information in Table 1. In Table 2, fill in the population for each organism in your class.*

Species Name		
Daily Food Needs	Meat	
	Plant	
Daily Water Needs		
Shelter Needs		

Table 1.

You are an individual species. The other members of the same species make up a population. Therefore, our class, or community, is made up of \_\_\_\_\_ different populations of species.

Organism	Population
Caterpillar	
Raccoon	
Mouse	
Squirrel	
Rabbit	
Fish	
Deer	
Wolf	
Eagle	
Bear	

Table 2.

*Directions: Use p. 64 – 65 in your textbook to fill in the table about the different levels of organization..*

Level of Organization	Definition	Picture	Explanation of Picture
Species			
Population			
Community			
Ecosystem			
Biome			
Biosphere			

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### Ecosystem Game Challenge

Your task is to find all the daily food, water, and shelter requirements in the Kenwood ecosystem. You will find these resources by asking different adults in the building, “Do you have any resources?” The person may or may not be able to give you resources, in the form of a sticker. If you receive a resource (sticker), place it in the column for that day. Your goal is to collect as many resources as possible to make sure you survive each day. Be aware that not all stickers represent resources and may represent other factors present in an ecosystem.

### Ecosystem Game Rules

1. You must ask an adult the question, “Do you have any resources?”
2. You can only ask for resources before or after school, or during passing periods –NOT during class.
3. Place each sticker in the column for that day.
4. Your grade for this activity will be determined by how successful an organism you are.

Wednesday	Thursday	Friday

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