

Name:

Class:

Date:

Activity 14.5B: Carrying Capacity Lab

Materials Needed

- Papers labeled “water” (1 for each student in the class)
- Papers labeled “food” (1 for each student in the class)
- Large area for students to move around in (gym, soccer field, etc.)

Instructions

Your teacher will place food and water resources around the ecosystem before you begin the activity. Follow your teacher’s instructions and answer the following questions as you complete each round of the carrying capacity lab.

After Round One

1. Did you successfully collect both resources?

Answer:

2. What was your strategy for collecting the resources?

Answer:

3. What would you change about your performance this round?

Answer:

After Round Two

1. Did you successfully collect both resources?

Answer:

2. What was your strategy for collecting the resources?

Answer:

3. What would you change about your performance this round?

Answer:

After Round Three

1. Did you successfully collect both resources?

Answer:

2. What was your strategy for collecting the resources?

Answer:

3. What would you change about your performance this round?

Answer:

After Round Four

1. Did you successfully collect both resources?

Answer:

2. What was your strategy for collecting the resources?

Answer:

3. What would you change about your performance this round?

Answer:

Final Question

1. How can limiting factors play a role in animal survival and behavior in an ecosystem?

Answer: