

Ecosystem Interactions: Food Chains and Bioaccumulation

Name: _____

1. Identify one or more carnivores from the ecosystem brainstorm or bioaccumulation game.
2. Identify one or more herbivores from the ecosystem brainstorm or bioaccumulation game.
3. List three fish species you might catch on your fishing trip.

4. Which group contains the greatest amount of energy in a food chain?

Circle your answer:

Group A	Group B	Group C	Group D
algae phytoplankton	zooplankton small fishes	large fishes seals	sharks ospreys

Group A

Group B

Group C

Group D

5. Describe how bioaccumulation works. Use examples from the bioaccumulation game.
6. Describe one action that can be taken to reduce bioaccumulation from occurring locally.

What is a Food Chain?

A food chain is an arrangement of organisms in an ecosystem according to the order of predation. In most cases, a lower member in the ecosystem is used as the next food source.

What is a Food Web?

A food web is made up of all the interactive food chains in an ecosystem.

