

Name _____

Unraveling the Web of Life: Understanding Food Chains in Ecology

Multiple Choice Questions

1. What is the primary role of producers in a food chain?
 - a) Convert solar energy into chemical energy
 - b) Consume other organisms
 - c) Feed on primary consumers
 - d) Break down organic matter

2. Which organisms are considered primary consumers?
 - a) Herbivores
 - b) Carnivores
 - c) Omnivores
 - d) Decomposers

3. What do secondary consumers feed on?
 - a) Producers
 - b) Tertiary consumers
 - c) Primary consumers
 - d) Decomposers

4. What is the role of decomposers in a food chain?
 - a) Consume primary consumers
 - b) Break down organic matter
 - c) Convert sunlight into energy
 - d) Feed on producers

5. How do changes in one part of the food chain impact ecosystems?
 - a) They have no effect on ecosystems
 - b) They only affect primary consumers
 - c) They can ripple throughout the ecosystem
 - d) They only affect tertiary consumers

