

Name _____

Unraveling the Web of Life: Understanding Food Chains in Ecology

Short Answer Key

1. Producers convert sunlight into chemical energy through photosynthesis.
2. An example of a primary consumer is a rabbit.
3. Decomposers break down dead organisms and waste materials.
4. Changes in one part of the food chain can affect the abundance and distribution of other organisms, leading to ripple effects throughout the ecosystem.
5. Food chains are important in ecology because they illustrate the flow of energy and nutrients through ecosystems, helping scientists understand the dynamics of species interactions and ecosystem stability.

