

Name _____

Grasshoppers and Their Connections: Do They Team Up?

Open-Ended Response Answer Key

1. Mutualism is important because it helps plants spread seeds while providing grasshoppers with food, benefiting both species.
2. Parasites can weaken grasshoppers, reducing their population. This can impact predators that rely on grasshoppers for food and disrupt the food chain.
3. As a grasshopper, I would need to avoid predators like birds and frogs while dealing with parasites that might harm me. Jumping and hiding would help me survive.
4. The predator-prey relationship keeps ecosystems balanced by controlling grasshopper populations and providing food for animals like birds and frogs.

