Discussion Questions

# Pre

### What is an ecosystem?

Living being interacting with each other (All living and non-living thing that interact with each other)

### What are some examples of nonliving things in an ecosystem?

Sun, moon, rocks, water (Sun, air, weather, soil)

### What are some factors that could affect the number of organisms in an ecosystem?

Amount of sun light, water, and energy. (Amount of space, air, light, water)

### Would you expect to find the same kinds of interactions between organisms in very different ecosystems? Why or why not?

Yes, because even if it’s a different ecosystem, the flow of energy is the same. (Yes, since the transfer of energy between live and non-living things is the same)

### Why is it important to understand feeding relationships in an ecosystem?

It shows the flow of energy throughout an ecosystem from the sun to the apex predator.

# Post

What are different types of symbiosis?

Interaction between living things in an ecosystem.

How is predation essential to maintaining an ecosystem?

It helps keeps the balance in the ecosystem.

If two different organisms compete for the same food source, like the owl and

the hawk, how can they both thrive in the same ecosystem?Yes, by having one hunt at night and the other at day.

Why are the bacteria in a termite’s stomach considered mutualistic and not

parasitic?

It digest the wood the termite eats and gives the termite sugar.

What are some careers that study symbiotic relationships, and why are they

important?

Marine biologists, they study the ecosystem in marine environments.