

## Science Study Guide Chapter A3

1. Sunlight is a nonliving part of an ecosystem.
2. Plants get the energy they need from the sun.
3. All animals and plants live in a habitat.
4. Light energy is changed into energy plants can use in the leaves.
5. Chlorophyll is green.
6. During photosynthesis, a plant produces sugar, oxygen, and water. Carbon dioxide is NOT produced.
7. Deer get the energy they need to survive by eating plants.
8. A herbivore eats plants.
9. A leaf that falls to the forest floor is broken down by decomposers.
10. Energy is passed from one organism to another in a food chain.
11. In a food web, the organisms at the bottom are usually producers.
12. In a food web if good weather makes the plant population increase the herbivores and the carnivores will increase.
13. An ecosystem is all the living and nonliving things in an environment and how they interact.
14. Its habitat provides what a plant needs to survive.
15. Plants use energy from sunlight to produce sugars.
16. Animals that eat both plants and other animals are called omnivores.
17. Energy passes from plants to other organisms in a food chain.
18. The goal of a California monarch butterfly farm is to replace monarchs that were destroyed by habitat loss.

### Be able to answer to following questions:

1. When someone touches a spider's web, the movement is felt everywhere in the web. How is this like a change in a food web?
2. What a desert habitat is like? Explain what you would expect to find there.