Ecosystems study guide:

1. _____ is the study of the relationship between living things and their environments.
2. A person who studies ecosystems is known as _____.
3. _____ is an organism that can make its own food. Ex: _____. They make the _____ level in a food chain.
4. _____ eats plants. Ex: _____
5. _____ eats both plants and animals. Ex: _____
6. _____ break down dead and decayed matter. Ex: _____
7. _____ eat dead things. Ex: _____
8. _____ lives off another living thing. Ex: _____
9. When all the food chains are connected then they form a _____.
10. A diagram that compares the amount of energy available to a population at different levels of the food chain is known as _____.
11. The animal that eats another is known as a _____.
12. The animal that gets eaten is known as _____.

Give an example of a Food Web. Include at least 3 complete food chains. Make sure you draw the arrows to show how the energy travels.