A Tangled Web

Procedure

1. **Research**  Work with a partner. Use a reference book. From the Food Web Support Master provided, find a plant-eating animal. Record that animal and the plants it eats. Then research and record an animal from the list that eats the plant eater. Next, find a new animal that eats that one.

2. On separate index cards, draw and label each living thing from step 1.

3. **Use Models**  Place the index cards in order on construction paper to show a food chain. Draw arrows to show how energy flows from one living thing to another.

4. **Experiment**  Remove the index cards, and turn over your construction paper. Work with another team. Use cards from both teams to make a food web. A **food web** is two or more overlapping food chains. Draw arrows to show how energy flows.
Conclusion
Write the answers to the questions below.

1. Infer Does energy flow from plant eaters to animal eaters or from animal eaters to plant eaters? How do you know?

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2. Predict What might happen if one kind of animal were removed from the web?

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Ask Questions
What questions do you have about a food web in an ecosystem near your school? Research answers for one or two questions by asking an expert.

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