Name	Class	Date
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Quick Lab

MODELING



Making a Food Web

One organism consumes another for energy and raw materials. A food chain shows the sequence in which energy passes from one organism to another as it flows through a community. In this lab, you will draw food chains that might be found in a woodland community and show how the food chains are connected to form a food web.

OBJECTIVES

Depict three food chains within a woodland community. **Combine** the food chains into a food web.

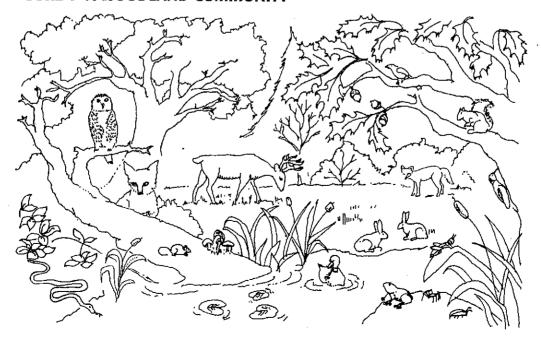
MATERIALS

- paper
- pen or pencil

Procedure

List all the o	rganisms that	ws a portion c	и а моощан	a community.
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<u> </u>		 44		

FIGURE 1 A WOODLAND COMMUNITY





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 Making a Food Web continued Add to your list other organisms that migare not shown. On a separate sheet of paper, write the nathest is capable of photosynthesis. Draw a short arrow leading from this orgorganism that might eat it. These are the organism that might eat it. These are the second. Extend your chain to three links by addir might consume the second. Extend your food chain to four links. Make two more food chains consisting of the construct a food web by drawing arrows food chains are linked to one another. Make the consumer that the consumer that the construct a food web are food chains are linked to one another. Make the consumer that the consumer that the construct a food web are food chains are linked to one another. Make the consumer that the consumer that the consumer that the construct a food web are food chains are linked to one another. Make the consumer that the	name of one organism from your list ganism to the name of a second first two links of a food chain.
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3. Construct a food web by drawing arrows food chains are linked to one another. Manalysis and Conclusions	
3. Construct a food web by drawing arrows food chains are linked to one another. Manalysis and Conclusions	of four links each.
nalysis and Conclusions	to show how organisms in the thre
different?	d food webs alike? How are they
Evaluating Models How is a diagram of written description of the same information	a food web more helpful than a on?
Drawing Conclusions If all the green plan community, how might the flow of energy l	nts were removed from the woodlan be affected? Explain your answer.
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Drawing Conclusions If the top-level corfood web, would the populations in the lebounds? Why or why not?	nsumers were eliminated from a vels below them increase without