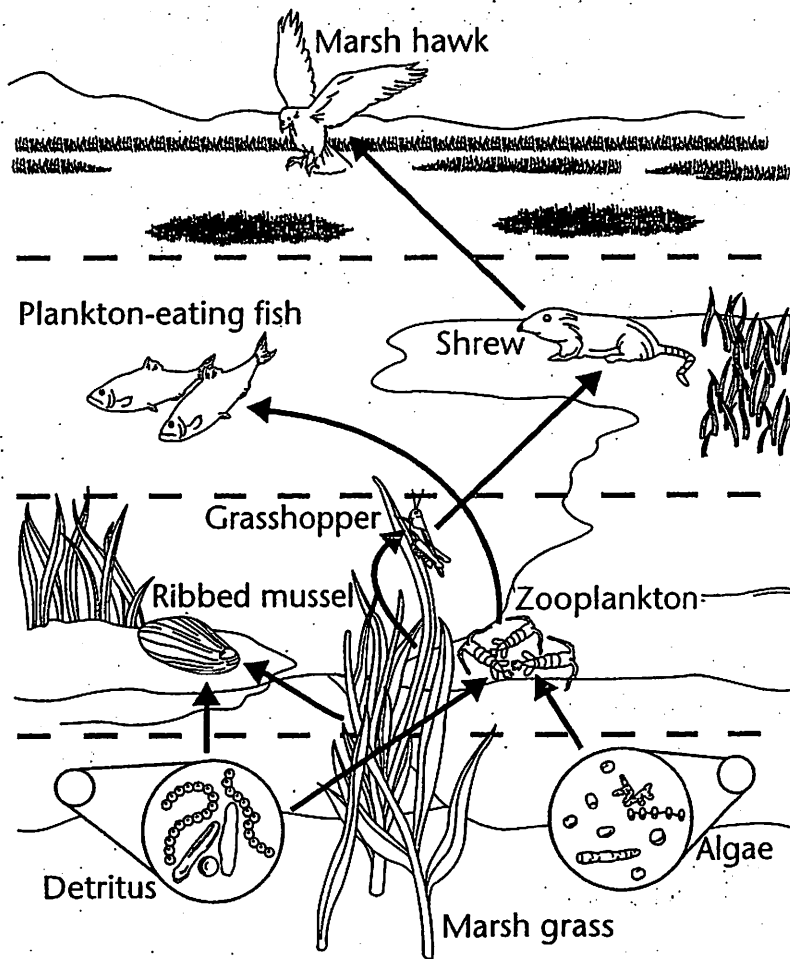


## Trophic Levels

A food web is a complex network of feeding relationships. Each step in a food web is called a trophic level. Producers are the first trophic level.

Color the organisms in each trophic level. Follow the prompts below.

- Color the producer(s) green.
- Color the first-level consumer(s) brown.
- Color the second-level consumer(s) blue.
- Color the third-level consumer(s) purple.



Use the diagram above to answer the question.

1. Write one food chain that includes the marsh grass.

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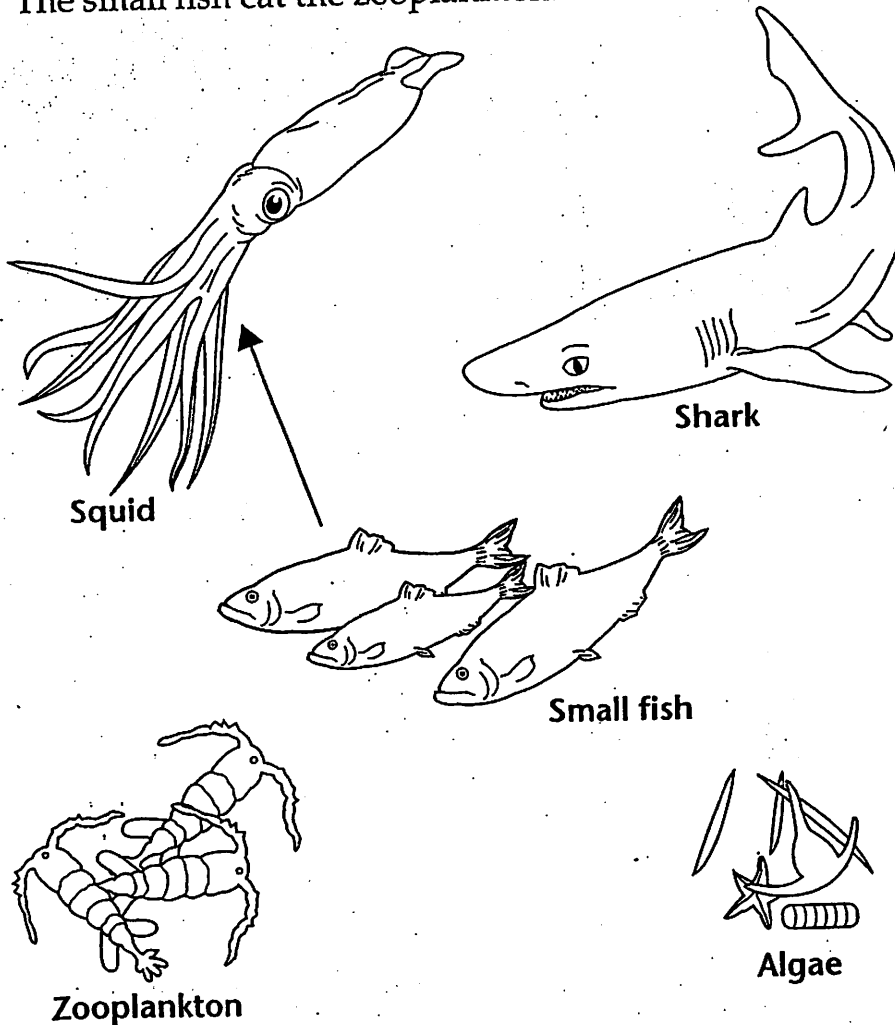
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## Energy Flow in Food Chains

A food chain is a series of steps in which organisms transfer energy by eating and being eaten. Producers make their own food and are the first step in a food chain. Consumers rely on other organisms for energy and food.

Draw arrows between the organisms to show how energy moves through this food chain. One arrow has been drawn as an example.

- The squid eats the small fish.
- The zooplankton eat the algae.
- The shark eats the squid.
- The small fish eat the zooplankton.



Use the food chain to answer the questions.

1. List the producer(s). \_\_\_\_\_
2. List the consumer(s). \_\_\_\_\_