



# Food Webs and Energy

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 4

## Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: Consumers make their own food using sunlight and water.

Rewrite: \_\_\_\_\_

2. Fix the sentence:

A food chain has many branching paths where energy can travel in different directions.

Rewrite: \_\_\_\_\_

3. Fix the sentence: Scavengers hunt and kill live animals to get their energy.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. Energy enters most ecosystems through \_\_\_\_\_ performed by plants.
2. A \_\_\_\_\_ consumer eats producers like grass or algae.
3. Fungi and bacteria break down dead organisms and are called \_\_\_\_\_.
4. At each level of a food chain, some energy is lost as \_\_\_\_\_.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Name three types of consumers and explain what each one eats.

\_\_\_\_\_  
\_\_\_\_\_

2. What might happen to a food web if a disease killed most of the frogs in a pond?

\_\_\_\_\_  
\_\_\_\_\_

## Answer Key · Food Webs and Energy · Grade: Grade 4

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### Part A: Fix the Sentence

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Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: Consumers make their own food using sunlight and water.

Rewrite: Producers make their own food using sunlight and water. Consumers must eat other organisms to get energy.

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2. Fix the sentence:

A food chain has many branching paths where energy can travel in different directions.

Rewrite: A food chain has only one straight path of energy. A food web has many branching paths where energy can travel in different directions.

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3. Fix the sentence: Scavengers hunt and kill live animals to get their energy.

Rewrite: Scavengers eat animals that are already dead rather than hunting live prey.

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### Part B: Fill in the Blank

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Write the missing word or number on each line.

- Energy enters most ecosystems through photosynthesis performed by plants.
- A primary consumer eats producers like grass or algae.
- Fungi and bacteria break down dead organisms and are called decomposers.
- At each level of a food chain, some energy is lost as heat.

### Part C: Short Answer

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Answer each question in one or two complete sentences.

1. Name three types of consumers and explain what each one eats.

*Herbivores eat only plants, carnivores eat only animals, and omnivores eat both plants and animals.*

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2. What might happen to a food web if a disease killed most of the frogs in a pond?

*The insects that frogs eat would increase because fewer frogs would be eating them. The snakes and*

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