



# Energy in Ecosystems

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

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

Grade: Grade 5

## Part A: Fix the Sentence

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

1. Fix the sentence: In Grade 5 science, plants makes sugar using sunlight.

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

2. Fix the sentence: Photosynthesis need sunlight, water, and carbon dioxide.

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

3. Fix the sentence: The leaf release oxygen into the air during the day.

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

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. In Grade 5 science, plants use \_\_\_\_\_ from the sun to power photosynthesis.
2. During photosynthesis, plants take in \_\_\_\_\_ dioxide from the air.
3. Plants pull \_\_\_\_\_ up from the soil through their roots.
4. Photosynthesis releases \_\_\_\_\_ gas that animals breathe.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. In Grade 5 science, why is the sun called the start of the photosynthesis equation?

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

2. Name the two products plants make during photosynthesis.

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

## Answer Key · Energy in Ecosystems · Grade: Grade 5

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### Part A: Fix the Sentence

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### Part B: Fill in the Blank

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Write the missing word or number on each line.

- In Grade 5 science, plants use energy from the sun to power photosynthesis.
- During photosynthesis, plants take in carbon dioxide from the air.
- Plants pull water up from the soil through their roots.
- Photosynthesis releases oxygen gas that animals breathe.

### Part C: Short Answer

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Answer each question in one or two complete sentences.

1. In Grade 5 science, why is the sun called the start of the photosynthesis equation?

*The sun is the start because its light energy lets plants combine water and carbon dioxide into sugar; without sunlight, photosynthesis cannot happen.*

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2. Name the two products plants make during photosynthesis.

*Plants make sugar (glucose), which stores food energy, and oxygen, which is released into the air for animals to breathe.*

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