



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 the water cycle, evaporation happens when water freezes into ice on the ground.

Rewrite: _____

2. Fix the sentence:

Plants release carbon dioxide during photosynthesis and absorb oxygen from the air.

Rewrite: _____

3. Fix the sentence: Energy is recycled through an ecosystem just like water and carbon are recycled.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. The _____ cycle describes how water moves between the land, oceans, and atmosphere.
2. When water vapor cools and forms clouds, the process is called _____.
3. Animals breathe out _____ dioxide, which plants use for photosynthesis.
4. Decomposers break down dead organisms and return _____ to the soil for plants to use again.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why is the water cycle important for all living things in an ecosystem?

2. How do decomposers help keep nutrient cycles going in an ecosystem?

Part A: Fix the Sentence

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

1. Fix the sentence: In the water cycle, evaporation happens when water freezes into ice on the ground.

Rewrite: In the water cycle, evaporation happens when liquid water turns into water vapor and rises into the air.

2. Fix the sentence:

Plants release carbon dioxide during photosynthesis and absorb oxygen from the air.

Rewrite: Plants absorb carbon dioxide during photosynthesis and release oxygen into the air.

3. Fix the sentence: Energy is recycled through an ecosystem just like water and carbon are recycled.

Rewrite: Matter like water and carbon is recycled through an ecosystem, but energy flows in one direction and is not recycled.

Part B: Fill in the Blank

Write the missing word or number on each line.

1. The water cycle describes how water moves between the land, oceans, and atmosphere.
2. When water vapor cools and forms clouds, the process is called condensation.
3. Animals breathe out carbon dioxide, which plants use for photosynthesis.
4. Decomposers break down dead organisms and return nutrients to the soil for plants to use again.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why is the water cycle important for all living things in an ecosystem?

The water cycle is important because it continuously moves fresh water to different parts of the ecosystem. All living things need water to survive, and the cycle ensures that water is cleaned and redistributed through evaporation, condensation, and precipitation.

2. How do decomposers help keep nutrient cycles going in an ecosystem?
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