Science Fables

The Forest Team

Story Quiz

This quiz follows two curious kids and Ranger Mateo as they discover how biotic and abiotic factors work together in an ecosystem.

1. What is an ecosystem?

A. A place containing only animals
B. A place where living and nonliving things interact and depend on one another
C. A place where only plants grow
D. A place without water or sunlight

2. What are living or once-living parts of an ecosystem called?

A. Abiotic factors
B. Weather factors
C. Biotic factors
D. Land factors

3. Which of these is an abiotic factor?

A. A deer
B. A mushroom
C. A bird
D. Sunlight

4. What do fungi do in an ecosystem?

A. Produce sunlight
B. Break down dead matter and return nutrients to the soil
C. Create rocks
D. Stop plants from growing

5. What happens when the biotic and abiotic teams work together in balance?

A. The ecosystem stays healthy and strong
B. All animals leave the forest
C. The soil disappears
D. The weather stops changing

Answer Key

1. B — A place where living and nonliving things interact and depend on one another

An ecosystem is a place where living and nonliving things interact and depend on one another.

2. C — Biotic factors

Living or once-living parts of an ecosystem are called biotic factors.

3. D — Sunlight

Sunlight is an abiotic factor because it is a nonliving part of the ecosystem.

4. B — Break down dead matter and return nutrients to the soil

Fungi break down dead matter and return nutrients to the soil.

5. A — The ecosystem stays healthy and strong

When biotic and abiotic teams work together in balance, the ecosystem stays healthy and strong.