

Ecosystems Video

Name: _____

Date: _____

1. Which of the following are biotic factors in an ecosystem?
 - A. rain, sunlight, and plants
 - B. plants, animals, and bacteria
 - C. temperature, animals, and plants
 - D. animals, minerals in the soil, and rain
2. What is a producer's job in an ecosystem?
 - A. to make food and oxygen for animals
 - B. to help plants grow
 - C. to break down dead plants and animals
 - D. to eat plants and other animals and produce carbon dioxide
3. What is the difference between a biotic factor and an abiotic factor?
 - A. Biotic factors include elements like weather and temperature, while abiotic factors produce carbon dioxide and oxygen.
 - B. Biotic factors are living things and abiotic factors are non-living things.
 - C. Biotic factors exist in an ecosystem, but abiotic factors do not.
 - D. Biotic factors are non-living things and abiotic factors are living things.
4. What is an ecosystem?
 - A. the pattern of weather that affects a particular area
 - B. the life cycle of a plant, from seed to flower
 - C. all living things in a particular environment, like a forest or a desert
 - D. a community of organisms that interact with their environment
5. Which of the following correctly shows the cycle of biotic factors in an ecosystem?
 - A. Bacteria produce food and oxygen; animals eat the plants, breathe the oxygen, and produce carbon dioxide; and plants break down animals and produce minerals
 - B. Plants produce food and oxygen; bacteria eat the plants, breathe oxygen, and produce carbon dioxide; and animals break down dead plants and produce minerals that help plants grow
 - C. Plants produce food and oxygen; animals eat the plants; breathe oxygen; and produce carbon dioxide; and bacteria break down dead plants and animals and produce minerals that help plants grow
 - D. Animals produce food and oxygen; bacteria eat the plants, breathe the oxygen, and produce carbon dioxide; and plants break down dead animals and produce minerals