

# Carbon's Journey Review

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## Understanding the Carbon Cycle

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

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

Answer the following questions based on the lesson about the carbon cycle.

1. What process do plants use to take in carbon from the air?

- A. Respiration
- B. Photosynthesis
- C. Combustion

2. When animals breathe out, they release \_\_\_\_ into the air.

3. Decomposition returns carbon to the soil.

- True       False

4. How does carbon move between living things?

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5. What happens to carbon when an animal dies?

- A. It disappears
- B. It stays in the animal
- C. It returns to the soil

6. Burning fossil fuels releases stored \_\_\_\_ into the atmosphere.

7. Photosynthesis is the process by which plants release carbon dioxide.

- True       False

8. What surprised you about carbon's journey?

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9. Which of the following best describes carbon in ecosystems?

- A. A waste product
- B. A traveler
- C. An unchangeable element

10. Colossians 1:17 says, 'He is before all things, and in him all things \_\_\_\_ together.'

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### Answer Key

1. Photosynthesis 2. carbon dioxide 3. True 4. Carbon moves through the food chain as animals eat plants or other animals. 5. It returns to the soil 6. carbon 7. False 8. I was surprised to learn how carbon connects everything in nature, from plants to animals. 9. A traveler 10. hold