

## Grade 4 Science Worksheet 3: Water Cycle (Difficulty Level: Advanced)

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

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

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### Question 1: How does precipitation help maintain the water cycle?

- a) It returns water to the Earth's surface for evaporation and runoff
  - b) It stops the water cycle temporarily
  - c) It keeps water in the atmosphere
  - d) It prevents evaporation
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### Question 2: Why is the water cycle described as a continuous process?

- a) It keeps repeating with no beginning or end
  - b) It only happens during certain seasons
  - c) It stops when there is no rain
  - d) It starts over every year
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### Question 3: What would happen if there were no evaporation in the water cycle?

- a) Clouds would form more quickly
  - b) Rain would stop because there would be no water vapor
  - c) The oceans would dry up
  - d) The air would become colder
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### Question 4: How do plants contribute to the water cycle?

- a) They absorb water vapor from the air
- b) They release water vapor into the atmosphere through transpiration

- c) They store water permanently
  - d) They stop evaporation from the soil
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**Question 5: Why is groundwater important in the water cycle?**

- a) It provides a source of water for plants, animals, and humans
  - b) It stays underground and never moves
  - c) It prevents rain from soaking into the soil
  - d) It causes more evaporation in oceans
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**Bonus Question:**

**How does the water cycle affect weather patterns?**

- a) It cools down the Earth completely
  - b) It creates clouds, rain, and other forms of precipitation
  - c) It removes carbon dioxide from the atmosphere
  - d) It stops sunlight from reaching the ground
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