

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

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

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

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### **Question 1: Why does most evaporation happen over oceans?**

- a) Oceans have the most water exposed to sunlight
  - b) Oceans are always warmer than land
  - c) Salt in the water helps evaporation
  - d) Air pressure is higher above oceans
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### **Question 2: What happens to water when it infiltrates the ground?**

- a) It becomes part of the groundwater and can flow to rivers and lakes
  - b) It evaporates immediately
  - c) It turns into ice underground
  - d) It remains trapped and never moves
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### **Question 3: How does the sun power the water cycle?**

- a) It warms the air, stopping evaporation
  - b) It heats water, causing evaporation
  - c) It freezes water into ice
  - d) It cools down clouds to make them heavier
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### **Question 4: Which part of the water cycle is responsible for providing fresh water?**

- a) Evaporation
- b) Precipitation

- c) Condensation
  - d) Transpiration
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**Question 5: What is runoff in the water cycle?**

- a) Water flowing into rivers and oceans after precipitation
  - b) Water turning into vapor during evaporation
  - c) Water soaking into the ground
  - d) Water becoming solid ice
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**Bonus Question:**

**How does deforestation affect the water cycle?**

- a) It increases rainfall by releasing more water vapor
  - b) It decreases transpiration, leading to reduced rainfall
  - c) It causes oceans to evaporate faster
  - d) It stops condensation from forming clouds
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