

Grade 4 Science Worksheet 1: Water Cycle and Its Importance (Difficulty Level: Intermediate)

Name: _____

Date: _____

Question 1: Why does water evaporate faster on a sunny day?

- a) The sun's heat increases the energy of water particles.
 - b) The wind blows water into the air.
 - c) There is more water in the air on sunny days.
 - d) The sun removes water from the ground.
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Question 2: Which of the following is an example of evaporation?

- a) Water turning into droplets on a cold glass
 - b) A puddle drying up after a hot day
 - c) Rain falling from clouds
 - d) Ice melting into water
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Question 3: What happens to water vapor as it rises higher in the atmosphere?

- a) It cools down and condenses into liquid droplets.
 - b) It gains heat and turns into steam.
 - c) It remains as water vapor forever.
 - d) It falls back to the ground as water.
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Question 4: Why do you see water droplets on the outside of a cold glass?

- a) The glass absorbs water.
- b) Water vapor in the air condenses on the cold surface.
- c) Water from the glass leaks out.
- d) The glass creates water.

Question 5: What role does condensation play in the water cycle?

- a) It changes water into vapor.
 - b) It forms clouds from water vapor.
 - c) It makes the ocean warmer.
 - d) It prevents evaporation.
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Bonus Question:

Why is evaporation an important process in the water cycle?

- a) It keeps water from freezing.
- b) It moves water from the ground and oceans into the atmosphere.
- c) It creates clouds.
- d) It cools the Earth's surface.

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