Grade 4 Science Worksheet 3: Water Cycle and Its Importance (Difficulty Level: Advanced)

Name: _____
Date: _____

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.

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.

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.

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.

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.

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.

BE THE CHAMPION!