

Grade 2
Reading Science
"The Amazing Journey of Water"

Water is a remarkable substance that plays a vital role in our lives and in nature. It can exist in three states: solid, liquid, and gas. One fascinating aspect of water is its ability to change from one state to another.

When water is in its solid form, as ice, it becomes hard and cold. You can find ice in your freezer, and it forms on the ground when the temperature drops below freezing. Kids love to ice-skate on frozen ponds and build snowmen when the snow falls!

In its liquid form, water flows freely. It's the water we drink, swim in, and use to water plants. Rivers, lakes, and oceans are all made of liquid water. It is also essential for all living things. Plants absorb water through their roots, and animals drink water to survive.

Water can also turn into a gas called water vapor. This happens when it's heated, like when you boil water to make steam for a train engine. Water vapor is invisible, and you can find it in the air around you. When water vapor cools down, it turns back into liquid water, forming clouds in the sky.

Now, let's talk about the water cycle. It's like a never-ending journey for water. The Sun heats water on the Earth's surface, causing it to evaporate and become water vapor. This water vapor rises into the sky and forms clouds through a process called condensation. When the clouds get heavy, they release rain, which falls back to the ground called precipitation. This cycle keeps repeating, ensuring that we always have fresh water to use.

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Multiple Choice Questions:

1. What are the three states of water?
 - A. Solid, liquid, and gas
 - B. Liquid, gas, and powder
 - C. Ice, snow, and rain
 - D. Wet, dry, and hot
2. Where can you find water in its solid form?
 - A. In the air
 - B. In a swimming pool
 - C. In your freezer
 - D. In a glass of juice
3. What happens when water is heated?
 - A. It turns into ice
 - B. It becomes water vapor
 - C. It disappears
 - D. It becomes a solid
4. How do plants get water from the ground?
 - A. Through their leaves
 - B. Through their stems
 - C. Through their roots
 - D. Through their flowers
5. What causes rain or snow to fall from the clouds?
 - A. The Moon
 - B. The Sun
 - C. Heavy clouds
 - D. Strong winds

Answers- Reading Science Prompt

Question 1:

- **Answer:** A - Solid, liquid, and gas
- **Explanation:** Based on information provided in the passage, it states that "Water can exist in three states: solid, liquid, and gas." Therefore, A is the right answer for this question.

Question 2:

- **Answer:** C - In your freezer
- **Explanation:** Based on information provided in the passage, it states that "When water is in its solid form, as ice, it becomes hard and cold. You can find ice in your freezer." Therefore, C is the right answer for this question.

Question 3:

- **Answer:** B - It becomes water vapor
- **Explanation:** Based on information provided in the passage, it states that "Water can also turn into a gas called water vapor. This happens when it's heated, like when you boil water" Therefore, B is the right answer for this question.

Question 4:

- **Answer:** C - Through their roots
- **Explanation:** Based on information provided in the passage, it states that "Plants absorb water through their roots." Therefore, C is the right answer for this question.

Question 5:

- **Answer:** C - Heavy clouds
- **Explanation:** Based on information provided in the passage, it states that "When the clouds get heavy, they release rain, which falls back to the ground called precipitation." Therefore, C is the right answer for this question.