

# Water: Connecting All Spheres Review

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## Understanding the Water Cycle and Earth's Systems

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

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

Answer the following questions based on the lesson about water and its movement through Earth's spheres.

1. Which sphere contains underground water?

- A. Hydrosphere
- B. Geosphere
- C. Atmosphere

2. The process of water turning into vapor is called \_\_\_\_.

3. Describe how water connects different environmental systems. Provide two examples.

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4. Water in the atmosphere cannot form clouds.

- True       False

5. What is one way water changes as it moves between spheres?

- A. It stays the same
- B. It can change from liquid to gas
- C. It disappears completely

6. The movement of water through Earth's spheres is known as the \_\_\_\_ cycle.

7. What did you observe in our water cycle model? Explain one key part of the cycle.

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8. The hydrosphere includes all bodies of water on Earth.

- True       False

9. Which of the following is NOT one of the four spheres discussed?

- A. Biosphere
- B. Geosphere
- C. Astrosphere

10. Why is water important to all Earth systems? Provide two reasons.

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**Answer Key**

1. Geosphere 2. evaporation 3. Water connects systems by providing hydration to living organisms and by participating in weather patterns. For example, rain nourishes plants and replenishes rivers. 4. False 5. It can change from liquid to gas 6. water 7. I observed how water evaporated from the model and formed clouds. One key part is condensation, where the vapor cools and turns back into liquid. 8. True 9. Astrosphere 10. Water is essential for life, as all living organisms need it to survive. Additionally, it plays a crucial role in weather patterns and climate, influencing ecosystems.