

Review of Earth's Four Spheres

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Understanding Our Planet's Systems

Name: _____

Date: _____

Answer the following questions based on what you learned about Earth's four systems.

1. What are the four major Earth systems?

2. Which Earth system includes all living things?

- A. Geosphere
- B. Hydrosphere
- C. Biosphere

3. The layer of air surrounding our planet is called the ____.

4. The hydrosphere includes only oceans and rivers.

- True False

5. How do the four Earth systems interact with each other? Provide an example.

6. What role does God play in the Earth's systems according to Colossians 1:17?

- A. He created the systems
- B. He holds all things together
- C. He observes the systems

7. The geosphere includes mountains and soil.

- True False

8. The ____ is the solid part of Earth, including rocks and soil.

9. Which system contains all water on Earth?

- A. Biosphere
- B. Geosphere
- C. Hydrosphere

10. Can you give an example of how water moves between these Earth systems?

Answer Key

1. The four major Earth systems are the geosphere, hydrosphere, atmosphere, and biosphere. 2. Biosphere 3. atmosphere 4. False 5. The systems interact by exchanging materials and energy. For example, water from the hydrosphere evaporates into the atmosphere and later falls as rain, nourishing the biosphere. 6. He holds all things together 7. True 8. geosphere 9. Hydrosphere 10. Water moves from the hydrosphere to the atmosphere through evaporation and returns to the biosphere as precipitation.