

Atmosphere Protection Review

BibleMouse.com

Understanding the Earth's Protective Layer

Name: _____

Date: _____

Answer the following questions based on what you've learned about the atmosphere and its role in protecting life on Earth.

1. What protects Earth from harmful radiation?

- A. The ozone layer
- B. The sun
- C. The moon

2. The ozone layer prevents dangerous ____ rays from reaching the Earth's surface.

3. Explain how the atmosphere acts like a shield for life on Earth. Include two functions it serves.

4. The atmosphere has no effect on life on Earth.

- True False

5. What is one way air molecules help protect us?

- A. They create clouds
- B. They scatter and absorb harmful energy
- C. They make the sky blue

6. How might Earth be different without atmospheric protection? Give at least two examples.

7. Psalm 104:2 describes God stretching out the heavens like a ____.

8. The atmosphere is a complex system that only serves one purpose.

- True False

9. What makes our planet's protective layer special?

- A. It is the only one in the solar system
- B. It is made of clouds
- C. It is designed perfectly for life

10. What do you appreciate most about God's design of the atmosphere? Explain your thoughts.

Answer Key

1. The ozone layer 2. ultraviolet 3. The atmosphere blocks harmful solar radiation and protects us from extreme temperatures. It acts like a barrier that filters out dangerous rays. 4. False 5. They scatter and absorb harmful energy 6. Without atmospheric protection, harmful radiation would cause severe damage to living organisms. Additionally, temperatures would fluctuate drastically, making it hard for life to survive. 7. curtain 8. False 9. It is designed perfectly for life 10. I appreciate how the atmosphere keeps us safe from harmful rays and allows us to breathe. It shows how God cares for all living things.