

Pollution's Ripple Effects

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Understanding Human Impact on Ecosystems

Name: _____

Date: _____

Answer the following questions based on what you learned about pollution and its effects on ecosystems.

1. What types of pollution did we discuss?

- A. Air, Water, Land
- B. Noise, Light, Heat
- C. Plastic, Chemical, Biological

2. What are the systemic effects of pollution on ecosystems?

3. Genesis 2:15 tells us that God put man in the garden to ____ and keep it.

4. Chemicals entering a food chain can harm all organisms in that chain.

- True False

5. How can pollution affect an entire ecosystem?

- A. By only harming the water
- B. By affecting all living organisms
- C. By making the air smell bad

6. Why is it important to care for the environment according to a biblical perspective?

7. Pollutants move through ecosystem layers, impacting ____ and food sources.

8. Long-term environmental consequences of pollution can affect future generations.

- True False

9. What is one way we can help protect God's creation?

- A. Litter in parks
- B. Recycle and reduce waste
- C. Ignore pollution

10. What did we learn about ecosystem interactions in relation to pollution?

Answer Key

1. Air, Water, Land 2. Pollution can affect plants and animals, disrupt food webs, and lead to long-term environmental damage. 3. cultivate 4. True 5. By affecting all living organisms 6. Because God entrusted us to take care of His creation, and we should honor Him by protecting the Earth. 7. organisms 8. True 9. Recycle and reduce waste 10. We learned that pollution can disrupt the balance of ecosystems and harm various species, showing how interconnected all living things are.