The Shocking Way God Feeds the Soil

Name: _____ Date: _____

Vocabulary Words: Match the definition to each word.

1. Lightning is a powerful form of _____ electricity that happens during storms.
2. Plants need _____ to build the structures of their cells.
3. When lightning strikes the ground, it creates _____ oxide.
4. Plants cannot use nitrogen from the _____; it must be in the soil.
5. Lightning helps add important nutrients to the _____.

Word Bank: static, nitrogen, air, soil, nitrogen

Multiple Choice: Choose the correct answer from the choices for each question.

1. What is lightning made of?
   - A. Wind
   - B. Static electricity
   - C. Water
   - D. Sound

2. What nutrient do plants get from the soil because of lightning?
   - A. Oxygen
   - B. Carbon
   - C. Nitrogen
   - D. Hydrogen

3. How much nitrogen oxide does lightning create worldwide each year?
   - A. 1,000 tons
   - B. 10,000 tons
   - C. 1 million tons
   - D. 100 million tons

4. Why can't plants use nitrogen directly from the air?
   - A. It's too heavy
   - B. It's not in the right form
   - C. It's too wet
   - D. It's too bright

Discussion & Reflection: Answer the following questions in complete sentences

1. Explain how lightning helps plants get the nutrients they need.

_____

_____

_____

_____

2. Why is nitrogen important for plant growth?

_____

_____

_____

_____

_____

3. This shows me that God is (Circle the word):

Wise Powerful Caring Creative All of the above

Explain your choice:

_____

_____

_____