Proof in the Poo: Coprolite

Name: _____ Date: _____

Vocabulary Words: Match the definition to each word.

1. Coprolite is fossilized _____ that has turned into solid rock.
2. For poop to become a fossil, it must be buried really _____ and deeply.
3. Scientists study coprolite to learn about what ancient animals _____.
4. The process of making a fossil often involves water filled with _____ replacing the original matter.
5. Unlike regular animal poop, coprolite does not turn into _____ and fertilizer.

Word bank: minerals, quickly, poop, dust, ate

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

1. Why do most animal droppings not turn into fossils today?
   - A. They are eaten by other animals.
   - B. They are washed away by rain.
   - C. They turn back into dust and fertilizer.
   - D. They become gold.

2. What can scientists learn from studying coprolite?
   - A. How animals looked
   - B. What animals ate
   - C. Where animals lived
   - D. How rocks are formed

3. What must happen for poop to become a fossil?
   - A. It must be left in the sun
   - B. It must be buried quickly and deeply
   - C. It must dry out in the air
   - D. It must be eaten

4. Coprolite fossils are:
   - A. Extremely rare and expensive
   - B. Only found in zoos
   - C. Common and not very expensive
   - D. Made of plastic

Discussion & Reflection: Answer the following questions in complete sentences

1. Why do you think it is interesting for scientists to study coprolite?

_____

_____

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2. Explain how coprolite is different from regular animal poop found today.?

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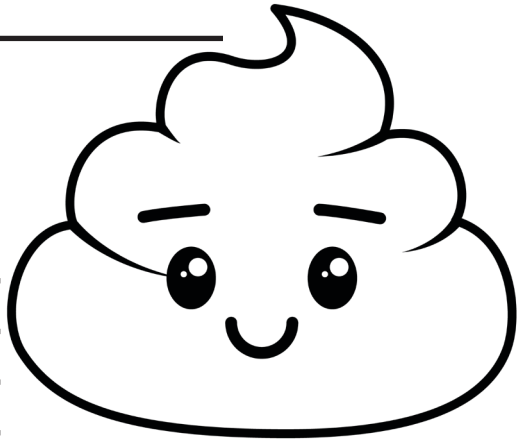
3. This shows me that God is (Circle the word):

Wise Powerful Caring Creative All of the above

Explain your choice:

_____

_____

_____

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