Acid Snot Worm

Name: ANSWER KEY Date: _____

Vocabulary Words: Match the definition to each word.

1. The zombie worm's real name is Osedax mucofloris.
2. Zombie worms help recycle whale bones on the ocean floor.
3. The worm uses mucus to attach to the whale bones.
4. Inside the zombie worm, parasites make acid to dissolve the bones.
5. The bright red, feathery parts of the zombie worm are called plumes.

Word bank: plumes, Osedax mucofloris, mucus, whale, parasites

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

1. What does the zombie worm mainly eat?
   a) Fish
   b) Whale bones
   c) Seaweed
   d) Sand

2. How does the zombie worm dissolve the whale bones?
   a) By chewing them
   b) By freezing them
   c) By drying them out
   d) By using acid on them

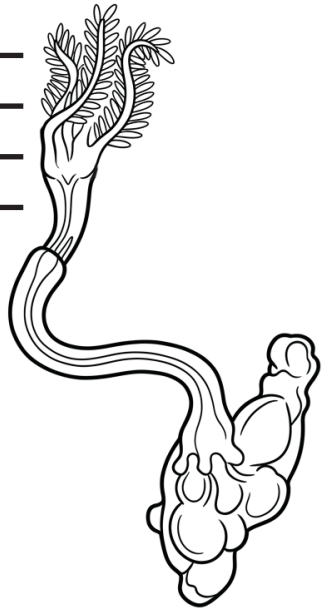
3. What covers the part of the zombie worm that sticks out of the bone?
   a) Scales
   b) Fur
   c) Mucus
   d) Shell

4. Why are both the worm and the parasite important?
   a) Only the parasite eats the bone
   b) Only the worm dissolves the bone
   c) They rely on each other to recycle bones
   d) They live in different places

Discussion & Reflection: Answer the following questions in complete sentences

1. In your own words, Explain how zombie worms and their parasites work together to recycle bones? Zombie worms attach to whale bones and, with the help of parasites that make acid, dissolve the bones so both the worm and the parasite can get nutrients.

2. What do you think would happen if there were no zombie worms in the ocean?
If there were no zombie worms, whale bones would pile up on the ocean floor and not get recycled, which could affect the ocean environment.



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

Wise Powerful Caring Creative All of the above

Explain your choice: