Wings of Wonder: Discovering Dragonflies

Name: ANSWER KEY Date: _____

Vocabulary Words: Match the definition to each word.

1. Dragonflies have two sets of wings, which means they have four wings in total.
2. Instead of walking, dragonflies use their legs to catch insects in the air.
3. Dragonflies are able to hover in the air and even fly backwards.
4. The muscles that move a dragonfly's wings are attached directly to the wings.
5. Dragonflies are 22% more efficient at flying than other insects with only two wings.

Word bank: catch, 22, hover, two, wings

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

1. What makes dragonflies different from many other insects?
   - A. They have eight legs
   - B. They can walk long distances
   - C. They have four independent wings
   - D. They only fly at night

2. Why are dragonflies so efficient at flying?
   - A. Their four wings help reduce energy use
   - B. Their wings are heavier than other insects'
   - C. They always fly in straight lines
   - D. Their legs are longer

3. What do dragonflies use their legs for?
   - A. Catching insects while flying
   - B. Digging holes
   - C. Walking on leaves
   - D. Swimming

4. The muscles that move dragonfly wings are unique because they are:
   - A. Connected to the exoskeleton
   - B. Not used for flying
   - C. Attached directly to the wings
   - D. Only in the front legs

Discussion & Reflection: Answer the following questions in complete sentences

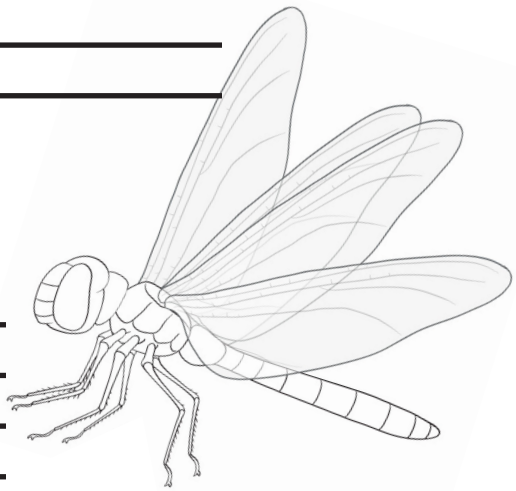
1. Describe how dragonflies' wings help them move differently from other insects.

Dragonflies can hover, fly backwards, and move in many directions because each of their four wings moves independently.

2. What is one reason that proves dragonflies are specially created by God and not evolved.

dragonflies have special features, like their wing structure, that cannot suddenly appear and are not seen in other insects, meaning they were specially created by God.

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

Wise Powerful Caring Creative All of the above

Explain your choice: