Diving Bell Spider

Name: ANSWER KEY Date: _____

Vocabulary Words: Match the definition to each word.

1. Joseph Buford Cox got his idea for a new chainsaw by watching a timber beetle.
2. The old crosscut saws had teeth that were bent to the right and left.
3. The chainsaw blade that Buford invented had curved teeth that sliced through wood.
4. The Oregon Chainsaw Company was created after Buford's invention.
5. The timber beetle used its mandibles to cut through wood fibers efficiently.

Word bank: timber beetle, invention, curved, mandibles, bent

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

1. What did Joseph Buford Cox notice about the timber beetle?
   a) It was building a nest
   b) It was slicing wood fibers
   c) It was flying in circles
   d) It was eating leaves

2. What did Buford change about the chainsaw blade?
   a) He made it out of gold
   b) He used little curved teeth
   c) He made it longer
   d) He added more handles

3. How did early chainsaws compare to crosscut saws?
   a) They were always faster
   b) They had a pointed teeth design
   c) They were made of plastic
   d) They didn't use teeth

4. What is the main idea of this story?
   a) How to become a lumberjack
   b) How nature inspired a major invention
   c) A beetle's life cycle
   d) Why trees are important

Discussion & Reflection: Answer the following questions in complete sentences

1. Why was the design of the timber beetle's mandibles important to Buford's invention?

The design of the timber beetle's mandibles was important because it showed Buford a better way to cut wood, which he used to invent a new type of chainsaw blade.

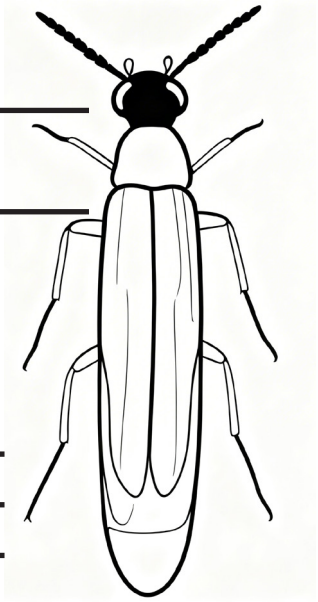
2. What lesson can we learn from how Buford came up with his idea for the chainsaw?

God is the best original inventor. We learn that by observing nature, which can inspire creative ideas and lead to important inventions.

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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