

Energy Chain Reactions Review

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Understanding Energy Transfer and Transformation

Name: _____

Date: _____

Answer the following questions based on what you learned about energy transformation chains.

1. What does energy do when it transforms?

- A. It disappears
- B. It changes form
- C. It creates new energy

2. What are two examples of energy transformations that you can think of?

3. Energy never disappears; it just changes ____ .

4. Energy transformation means that energy can be created and destroyed.

- True False

5. According to Colossians 1:17, who holds all things together?

- A. The sun
- B. God
- C. Energy

6. Why is it important to understand energy transformations in relation to creation?

7. God designed energy to flow and change ____ .

8. Different objects can transform energy in a sequence.

- True False

9. What is one purpose of creating an energy transformation chain?

- A. To waste energy
- B. To demonstrate how energy can change form
- C. To create new energy

10. What did you learn about God's intricate design in energy systems?

Answer Key

1. It changes form 2. A light bulb transforms electrical energy into light energy. A roller coaster transforms potential energy into kinetic energy. 3. form 4. False 5. God 6. Understanding energy transformations helps us appreciate how God designed everything to work together and function in harmony. 7. purposefully 8. True 9. To demonstrate how energy can change form 10. God's design allows energy to work in complex ways, showing how everything is connected and maintained.