

Energy on the Move Review

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Understanding Energy Transfer and Transformation

Name: _____

Date: _____

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

1. What is one way energy can transfer between objects?

- A. Through sound
- B. Through collisions
- C. Through color

2. Why is energy compared to a friendly messenger?

3. In Colossians 1:17, it says that in Him all things ____ together.

4. Heat can move energy from a cold object to a hot object.

- True False

5. What happens when two objects bump into each other?

- A. They stop moving
- B. Energy can transfer
- C. They break apart

6. Can you give an example of energy transfer from everyday life?

7. Electricity is another way that energy can ____ between objects.

8. Energy transfer is important for understanding how different objects interact.

- True False

9. What did we learn about how energy moves?

- A. It always stays in one place
- B. It can move through different mechanisms
- C. It is invisible

10. How does God's creative design relate to energy interactions?

Answer Key

1. Through collisions 2. Because it travels between objects, helping them to interact and change. 3. hold 4. False 5. Energy can transfer 6. When I touch a warm spoon, heat energy moves from the spoon to my hand. 7. transfer 8. True 9. It can move through different mechanisms 10. God created the laws of energy transfer, showing His power in how everything works together.