

Physical Science Assessment Review

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Understanding Waves, Energy, and Electricity

Name: _____

Date: _____

Answer the following questions based on what you learned in your physical science unit.

1. What was the most interesting thing you learned about physical science this unit?

2. What do we call the energy of moving particles?

- A. Sound energy
- B. Thermal energy
- C. Mechanical energy

3. Light is a form of energy that travels in waves.

True False

4. Colossians 1:17 tells us that in Him all things _____ together.

5. Which of the following is a type of wave?

- A. Sound
- B. Mass
- C. Gravity

6. How does understanding science help us appreciate God's creation?

7. Electricity is not related to energy.

True False

8. A wave that requires a medium to travel through is called a _____ wave.

9. What type of energy is associated with the position of an object?

- A. Kinetic energy
- B. Potential energy
- C. Thermal energy

10. Why is careful observation important in science?

Answer Key

1. I found it fascinating how sound travels through different materials. 2. Thermal energy 3. True 4. hold 5. Sound 6. Understanding science allows us to see the complexity and order in God's creation. 7. False 8. mechanical 9. Potential energy 10. Careful observation helps scientists gather accurate data and understand how things work.