

# Energy Exploration Review

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## Understanding the Forms of Energy

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

1. What are the six forms of energy we explored?

- A. Mechanical, thermal, electrical, light, sound, chemical
- B. Wind, solar, geothermal, thermal, sound, light
- C. Nuclear, solar, thermal, mechanical, electrical, magnetic

2. Energy is the ability to create \_\_\_\_.

3. What is energy transformation? Give an example.

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4. God designed energy to work in amazing ways.

- True       False

5. How does understanding energy systems help us recognize God's creative design?

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6. Which form of energy is associated with heat?

- A. Mechanical
- B. Thermal
- C. Chemical

7. In Colossians 1:17, it says that in Him all things are held \_\_\_\_.

8. Sound energy is one of the forms of energy we studied.

- True       False

9. Which energy form surprised you the most and why?

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10. Which energy form can be seen with our eyes?

- A. Electrical
- B. Light
- C. Mechanical

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### Answer Key

1. Mechanical, thermal, electrical, light, sound, chemical    2. change    3. Energy transformation is when one form of energy changes into another. For example, a light bulb transforms electrical energy into light energy.    4. True    5. Understanding energy systems shows us how everything works together in creation, reflecting God's wisdom and power.    6. Thermal    7. together    8. True    9. I was surprised by sound energy because I didn't know it could be a form of energy that causes vibrations.    10. Light

