

Energy: Forms and Transformations

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Review of Energy Concepts

Name: _____

Date: _____

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

1. What is energy defined as?

- A. A type of food
- B. The ability to do work or cause change
- C. A color

2. God provides ____ for life.

3. What happens when you roll a ball? Describe it in one or two sentences.

4. How did we see energy today in class?

- A. By watching a movie
- B. By rolling a ball and using wind-up toys
- C. By reading a book

5. Match the energy examples to their effects.

Wind-up toy

Moves when wound up

Rolling ball

Moves forward when pushed

6. Who gives us energy? Explain your answer in one or two sentences.

7. What is one way energy can change things?

- A. Changing the color of an object
- B. Helping things move
- C. Making sounds

8. In Colossians 1:17, it says, 'He is before all things, and in him all things are held ____.'

9. What did you learn about energy in everyday situations? Write your thoughts in two sentences.

10. Which of the following best describes energy?

- A. A decoration
- B. Something that can change and move things
- C. A type of animal

Answer Key

1. The ability to do work or cause change 2. energy 3. The ball moves forward because of the energy applied to it. 4. By rolling a ball and using wind-up toys 5. Moves when wound up 6. God gives us energy because He is the creator of everything. 7. Helping things move 8. together 9. I learned that energy is all around us and helps things move. 10. Something that can change and move things

