

Name \_\_\_\_\_

Period \_\_\_\_\_

## **BILL NYE, THE SCIENCE GUY! ENERGY**



1. When we do something we are using \_\_\_\_\_.
2. Energy can be \_\_\_\_\_ from one form to another.
3. When energy is stored, we call it \_\_\_\_\_ energy.
4. When energy is moving, we call it \_\_\_\_\_ energy.
5. When we do something we are using \_\_\_\_\_.
6. Lifting the tank of water gave it \_\_\_\_\_ energy.

This energy was converted into \_\_\_\_\_ energy when the water flowed down the tube.

The water was used to power a generator, creating \_\_\_\_\_ energy.

7. Baking soda plus vinegar gives us a chemical \_\_\_\_\_.
8. The cork popped off the bottle because \_\_\_\_\_ energy was changed to \_\_\_\_\_ energy.



9. In the bowling ball demonstration, we pull the bowling ball back and give it \_\_\_\_\_ energy.

10. When we release the bowling ball we give it \_\_\_\_\_ energy.

11. Three substances that can make electricity are:

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_



12. A laser converts \_\_\_\_\_ energy into  
\_\_\_\_\_ energy by making \_\_\_\_\_ molecules  
vibrate.

13. Fossil fuels are something that we pump or \_\_\_\_\_ up.

14. The energy we get from foods which began as \_\_\_\_\_ energy from the sun.

15. Only about \_\_\_\_\_ % of your body's chemical energy is used to move around.

The rest is turned to \_\_\_\_\_.

16. Whenever energy is converted from one form to another a little bit of it ends up as  
\_\_\_\_\_.

**Reflection Question for AFTER the movie:**

18. Why didn't the bowling ball pendulum hit Bill Nye in the face?

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19. Two interesting things you learned today:

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