

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?

19. Two interesting things you learned today:
