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.

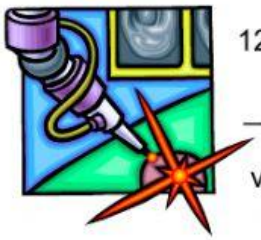
10. When we release the bowling ball we give it _____ energy.

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:

_____

_____

_____