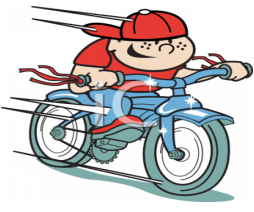


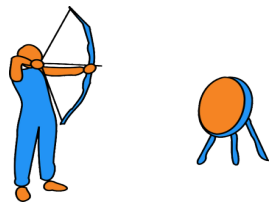


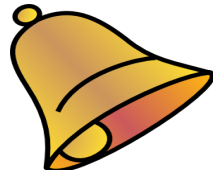



Intervention 8.2.2 Kinetic and Potential Energy

Circle PE (potential energy) or KE (kinetic energy) below each picture.

Person riding a Bicycle 	A Flying Bat 	Batteries not being used 	A bow extended 
PE or KE	PE or KE	PE or KE	PE or KE
A bowl of fruit 	Bowling ball hitting pins 	A Bell ringing 	A show car not moving 
PE or KE	PE or KE	PE or KE	PE or KE

Label the following as KE (Kinetic Energy) or PE (Potential Energy).

_____ a moving skateboard

_____ a bird sitting on a branch

_____ a glass of milk

_____ gasoline

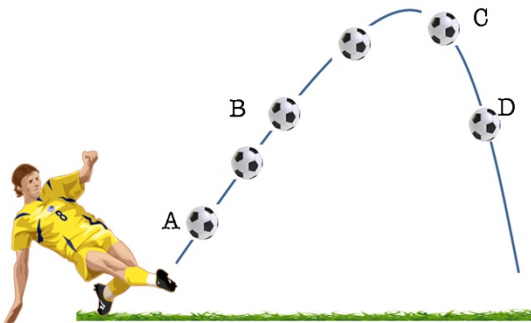
_____ a dry cell battery

_____ a cat sitting on a fence

_____ a person climbing a ladder

_____ a piece of celery

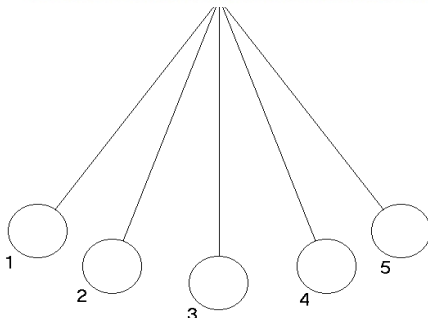
_____ blowing wind



Which position(s) of the soccer ball shows:

MOST Potential energy _____

MOST Kinetic energy _____



Which position(s) on the pendulum show:

MOST Potential energy _____

MOST Kinetic energy _____

Bill Nye- 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 _____.