

Bill Nye video guide: Energy

1. When we do something like open a door, we use _____ .
2. Sound, heat, falling things and electricity are all forms of (matter / energy).
3. Energy (can / cannot) be changed from one form to another.
4. The energy of lifting water above our heads is stored as (potential / kinetic) energy in the water.
5. Baking soda and vinegar cause a(n) _____ reaction that releases energy.
6. Kinetic energy can never be greater than the _____ energy in a pendulum.
7. Electricity can be made by (heating / cooling) steam or by falling water used to turn a generator.
8. A laser beam is heat converted from _____ and can burn through a piece of plywood.
9. We can store _____ in a bungee cord.
10. A(n) _____ can convert water into electricity.
11. When fossil fuels like oil or coal are combined with oxygen, or _____, energy is released.
12. The energy stored in food is really stored light energy from the (moon / sun).
13. We get hot when we exercise. Most of the energy in food is converted into _____ by our bodies.
14. Energy can be converted from one form to another, but a little bit of it is _____ into heat so the conversion is not perfect.
15. Potential energy is converted into kinetic energy when bungee cords are (compressed / released)