



Name: _____

Date: ___ / ___ / ___ Period ___ Room ___

BNSG
0305

Energy



While watching, complete this video guide.

Three things I knew
that were confirmed in
the video:

A- _____

B- _____

C- _____

Three things I didn't know
but I now know because I
watched the video.

A- _____

B- _____

C- _____

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