

Download File PDF Energy Transformation Worksheet Answer Key

#Jenny



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Cool! I'am really happy

#Markus Jensen



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so many fake sites. this is the first one which worked! Many thanks

Name _____ Date _____ Period _____

Energy Transformation Animations ANSWER KEY

Directions: Go to <http://www.khanacademy.org/a/energy-transformations> and use the animations to fill in the blanks below.

1. In a portable stove, **electrical** energy is changed to **sound** energy.
2. When you burn wood in a campfire, **chemical** energy is converted to **heat** and **light** energy.
3. In a computer monitor, **electrical** energy is changed to **light** energy and **sound** energy.
4. Through the process of photosynthesis, **light** energy from the sun is changed to stored **chemical** energy.
5. If you place a ball at the edge of a hill, and it rolls downhill, **potential** energy is changed to **kinetic** energy.
6. In a flashlight, the **chemical** energy in batteries is changed to **electric** energy and then to **light** energy.
7. In a fan, **electrical** energy is changed to **kinetic** energy.
8. When water held behind a dam is released, **potential / gravitational** energy is converted first to **kinetic** energy.
9. At a hydropower facility, the **kinetic** energy of flowing water can be used to spin a turbine and power a generator, creating **electrical** energy.
10. In a photovoltaic panel, the **light** energy of the sun is converted directly into **electrical** energy.
11. In a flashlight, the **chemical** energy in batteries is changed to **electric** energy and then to **light** energy.
12. In a fan, **electrical** energy is changed to **kinetic** energy.
13. When water held behind a dam is released, **potential / gravitational** energy is converted first to **kinetic** energy.
14. At a hydropower facility, the **kinetic** energy of flowing water can be used to spin a turbine and power a generator, creating **electrical** energy.
15. In a photovoltaic panel, the **light** energy of the sun is converted directly into **electrical** energy.

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