Pre Assessment

Print

Students in STEM Class were using batteries and wires to light a bulb. What form of energy were they exploring?

###### A. Mechanical

###### B. Electrical

###### C. Thermal

###### D. Sound

A lamp is plugged into an outlet. When the lamp is turned on and the bulb is lit, what does the circuit demonstrate? It changes what type of energy into what other type?

###### A. Thermal into Electrical

###### B. Mechanical into Thermal

###### C. Sound into Thermal

###### D. Electrical to Light energy

Choose the correct image for a closed circuit









Which of the following properly defines electrical energy?

###### A. Energy resulting from the flow of charged particles

###### B. Mechanical energy that travels as waves through the air or water and vibrates the eardrum upon contact

###### C. Electromagnetic energy that can be sensed by the eye

###### D. Energy produced by a machine or moving part

Campfires are sometimes used to cook food. Which type of energy from the campfire cooks the food?

###### A. Thermal

###### B. Mechanical

###### C. Sound

###### D. Electrical