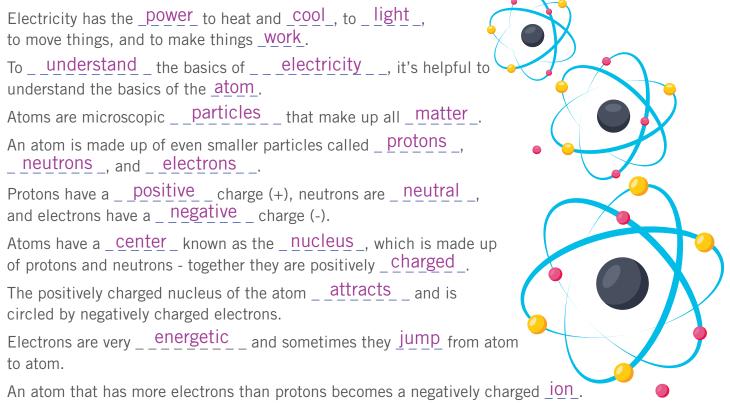
Electrical safety for Grades 7 to 8 Activity sheet #1



Use the words below to fill in the blanks and complete each sentence.

Electricity is a form of energy.



When electrons jump from atom to atom, a <u><u>current</u></u> of electricity occurs.

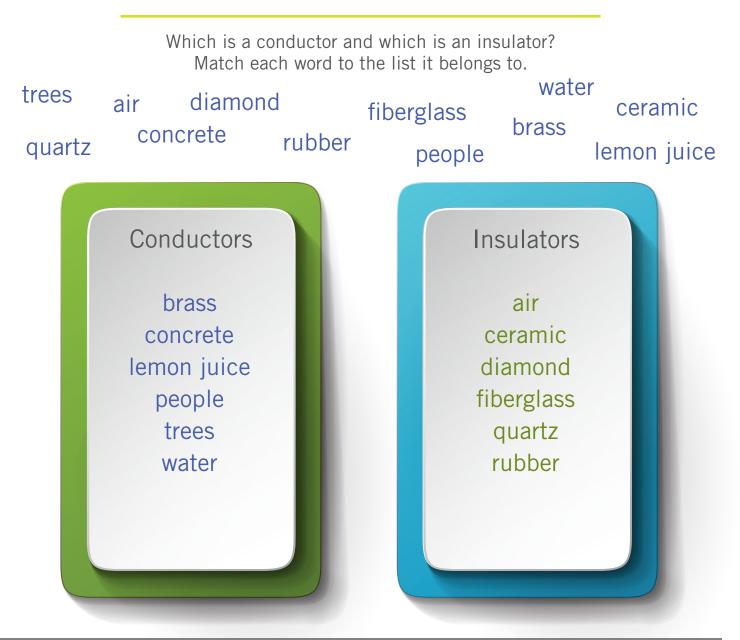
Electricity is a secondary <u>SOURCE</u> of energy <u>generated</u> from the <u>CONVERSION</u> of renewable and non-renewable primary sources such as nuclear fission, water, natural gas, solar, wind, and biomass.

atom	electricity	jump	particles
attracts	electrons	light	positive
center	energetic	matter	power
charged	energy	negative	protons
conversion	form	neutral	source
cool	generated	neutrons	understand
current	ion	nucleus	work



A conductor is a material that allows electricity to flow through it. Many metals, such as steel and copper are strong conductors of electricity and are used in power lines.

An insulator is a material that reduces or prevents the flow of electricity. Rubber, plastic, porcelain and glass are often used in the electricity distribution industry as protection from electrical current.



Student name:

Grade:

Teacher name:

Electrical safety for Grades 7 to 8



ACROSS

- 1 Never put fingers or other objects in an electrical _ _ _ _
- 2 Never throw objects such as sneakers, at or onto power _ _ _ _
- 3 Never fly kites, remote-controlled airplanes near _ _ _ _ _ power lines
- 4 Never disobey signs 5 Never touch or climb trees e that are near _ _ _ _ lines t U e а W r е S 0 V e 0 e а а а W r n e † a

DOWN

- 1 Never stick _ _ _ _ objects into electrical appliances such as toasters
- 2 Never use an appliance or anything _____ near a sink, the bathtub, or close to any other source of water
- 3 Never use electrical _ _ _ _ that are frayed or damaged
- 4 Never touch any electrical appliance or device, such as a light switch, if your hands are _ _ _
- 5 Never an electrical outlet