

Highwood School—Year 4—Summer 2- Electricity



Vocabulary	Definition
Circuit	A complete route which an electric current can flow around.
Current	A flow of electricity through a wire.
Physics	The study of forces including electricity and the way it effects objects.
Battery	A small device that provides power for electrical items.
Cell	A device used to generate electricity. A battery is an example of a cell.
Conductor	Any material that electricity can pass through or along.
Insulator	Any material that electricity cannot pass through or along.
Buzzer	An electrical device that makes a buzzing sound.
Motor	A device that changes electrical energy into movement.
Wire	A long piece of metal that carries an electrical current often covered in plastic for safety.
Voltage	An electrical force that makes electricity move through a wire.
Socket	A device on a wall that you can plug electrical equipment into.

5 Electrical Conductors

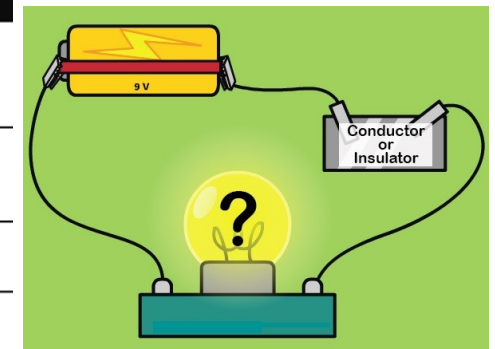
silver gold copper steel sea water

5 Electrical Insulators

rubber glass oil diamond dry wood

ThoughtCo.

Electrical circuit symbols	
	lamp (indicator)
	lamp (lighting)
	wire
	motor
	buzzer
	open switch
	closed switch
	cell
	battery



A scientific diagram of an open circuit:

