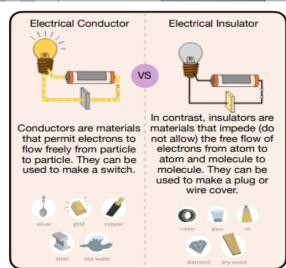
## Science Knowledge Map - Spring 2 - Electricity



## Circuit Symbols Switch Closed Cell Ammeter M Motor Battery Resister Bulb Switch Open



Switches		
	When a switch is open (off) there is a gap in the circuit. Electricity cannot flow around the circuit.	Â
	When a switch is closed (on) it makes the circuit complete. Electricity can flow around the circuit.	8

## vocabulary

círcuít	a closed loop for electricity to travel around
component	a part used in an electrical circuit
electricity	a form of energy caused by electrons moving
cell (battery)	a stored source of electricity
swítch	a switch turns an electrical circuit on or off by completing or breaking the circuit
conductor	an object that allows electricity to flow through it easily (objects made of metal are good conductors)
ínsulator	an object that does not allow electricity to flow through it easily
voltage	a force that makes electricity flow through a wire (it is measured in volts) motor a machine that turns electrical energy into movement
motor	a machine that turns electrical energy into movement

