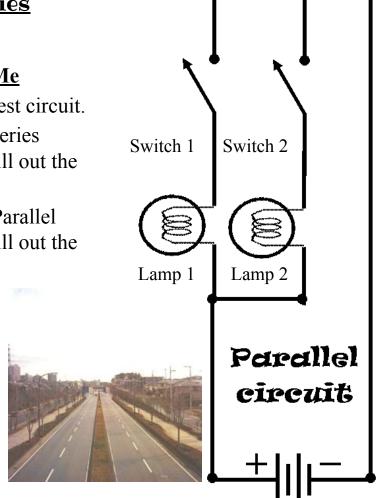
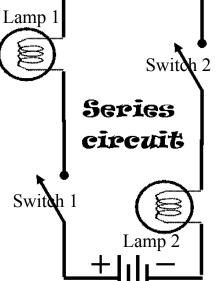


Parallel & Series Circuit Lab

Read Me

- Build the test circuit.
- Build the series circuit & fill out the table.
- Build the Parallel circuit & fill out the table.







Legend

Switch

Battery

D.C. Power Supply

Lamp

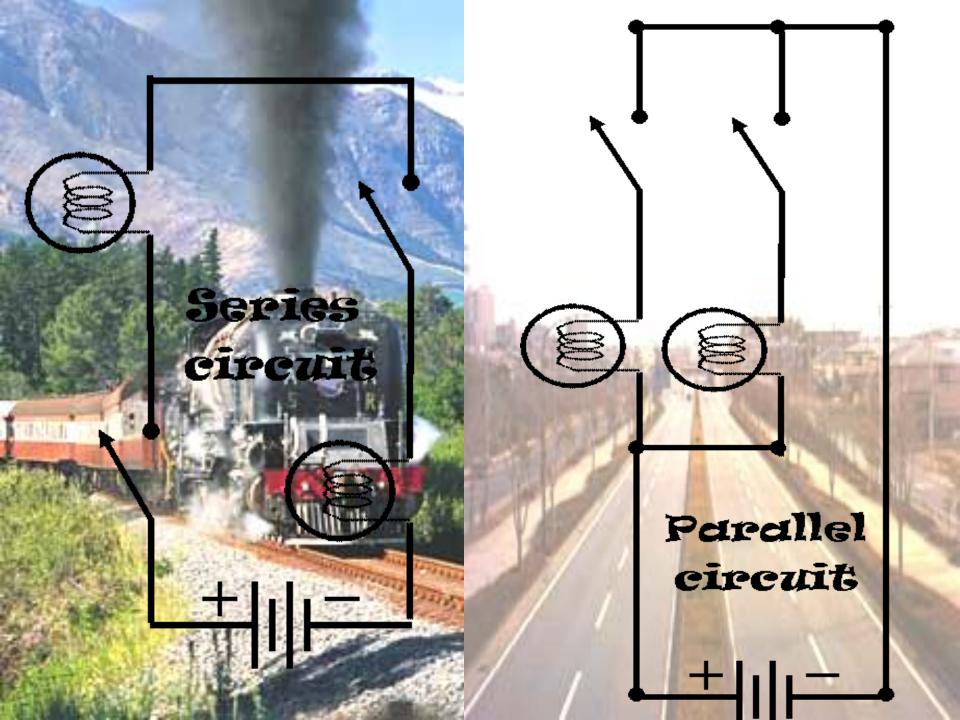
Resistor

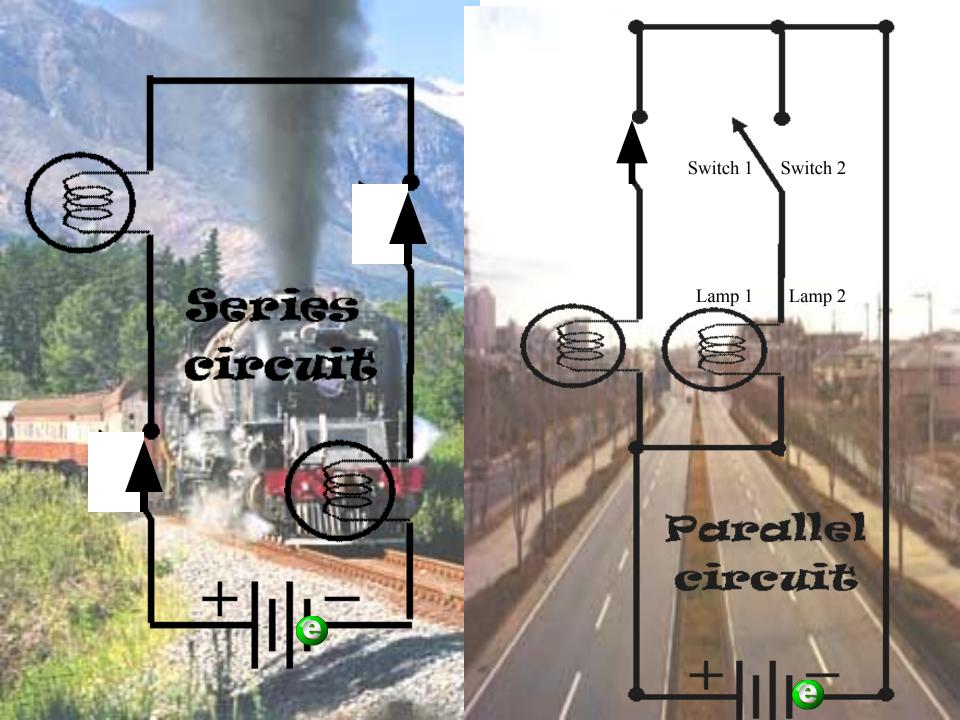
Capacitor

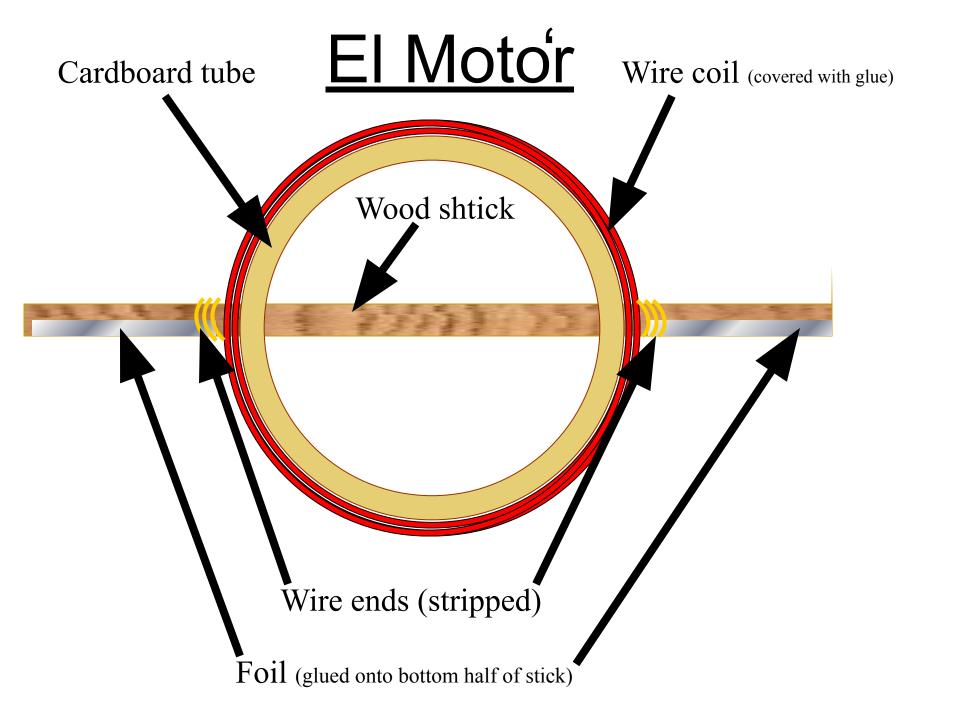
Diode

Switch 1	Switch 2	Lamp1	Lamp 2
Off	Off		
On	Off		
Off	On		
On	On		

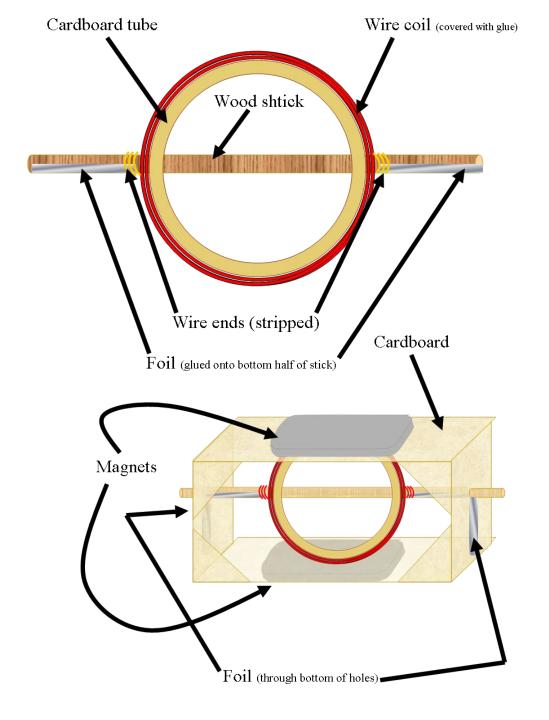
Switch 1	Switch 2	Lamp1	Lamp 2
Off	Off		
On	Off		
Off	On		
On	On		

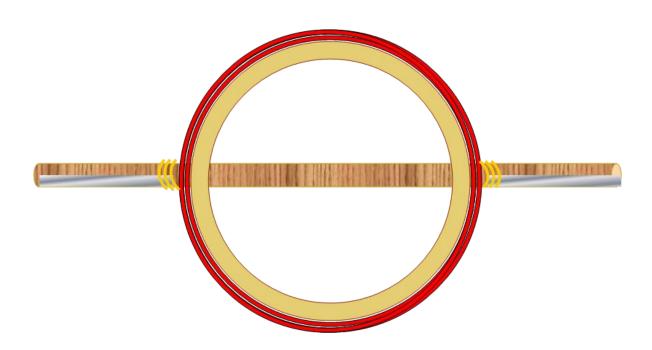


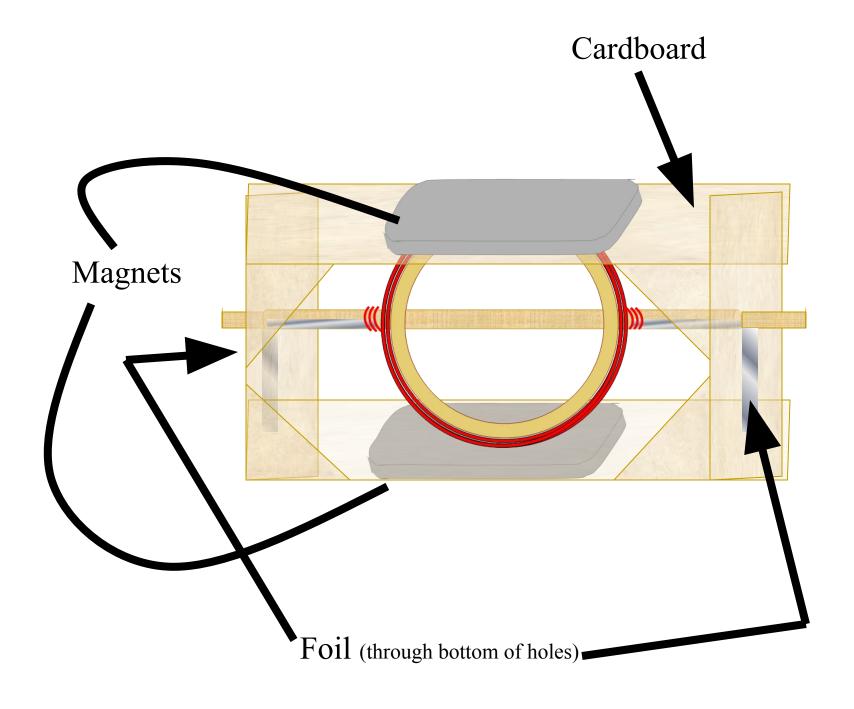


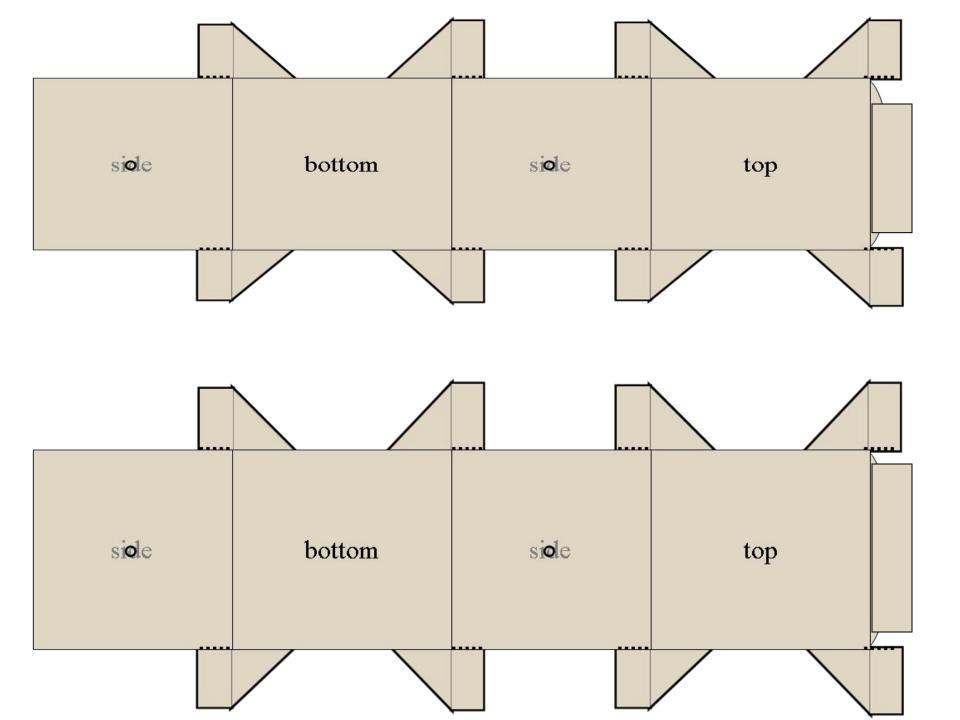


El Motór

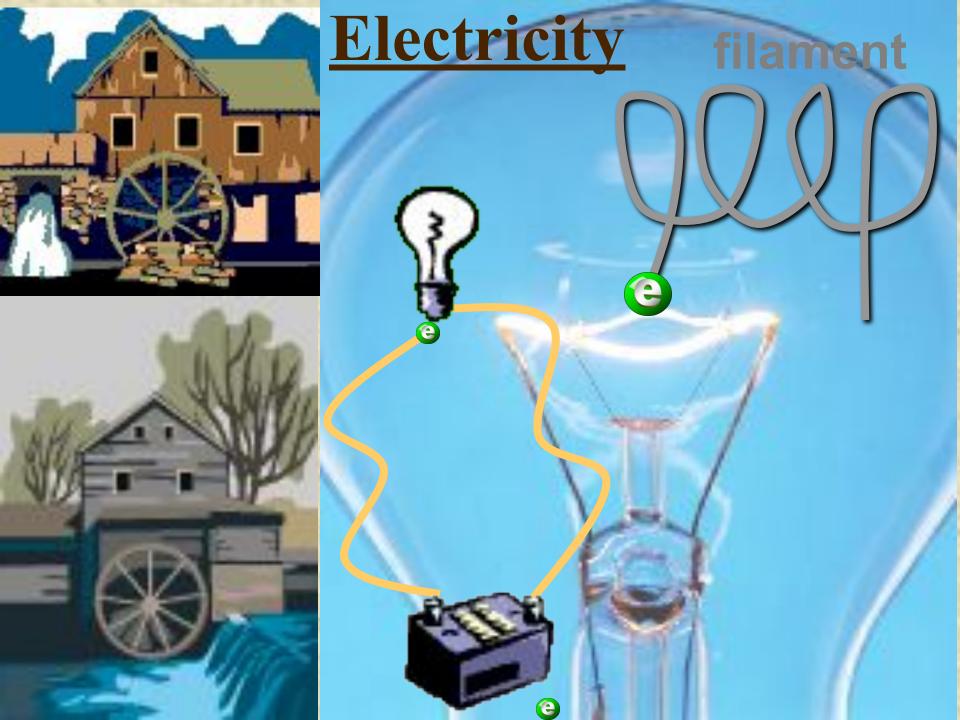








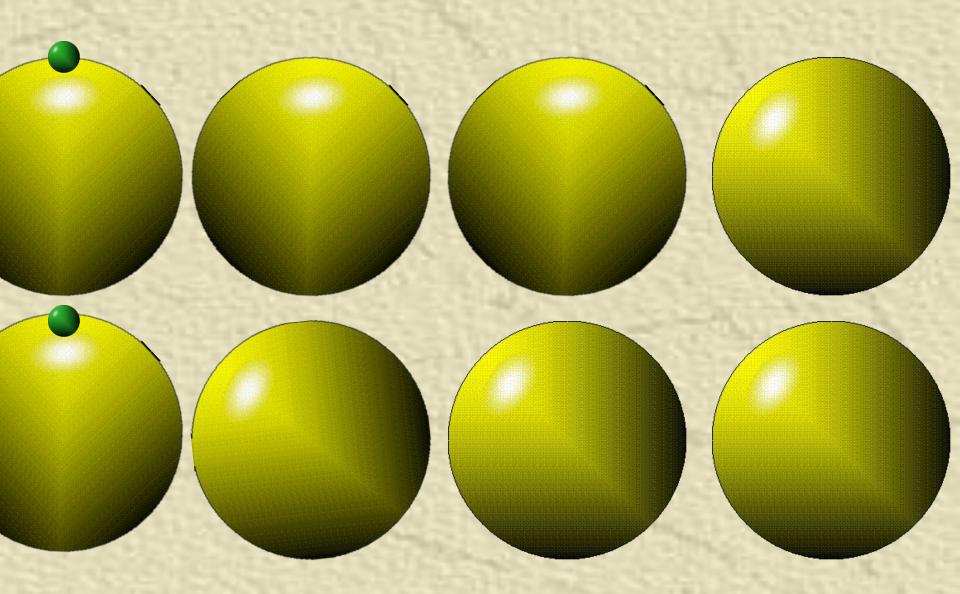




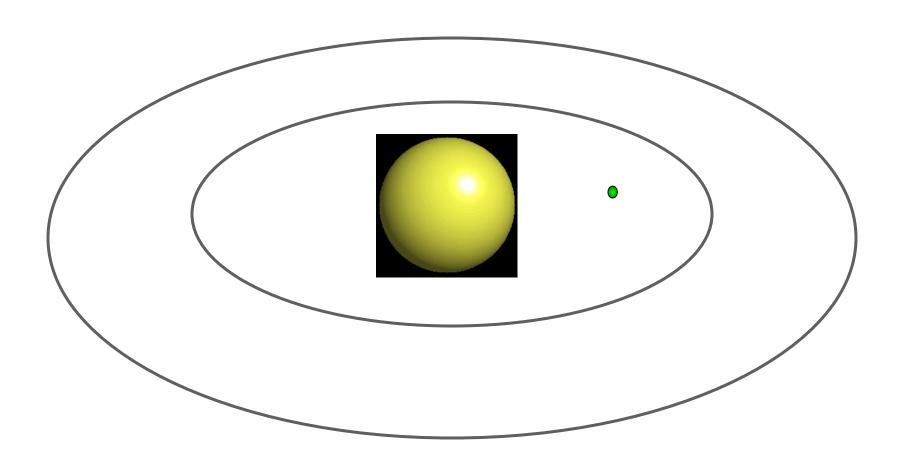
D.C. Direct Current

A.C. Alternating Current

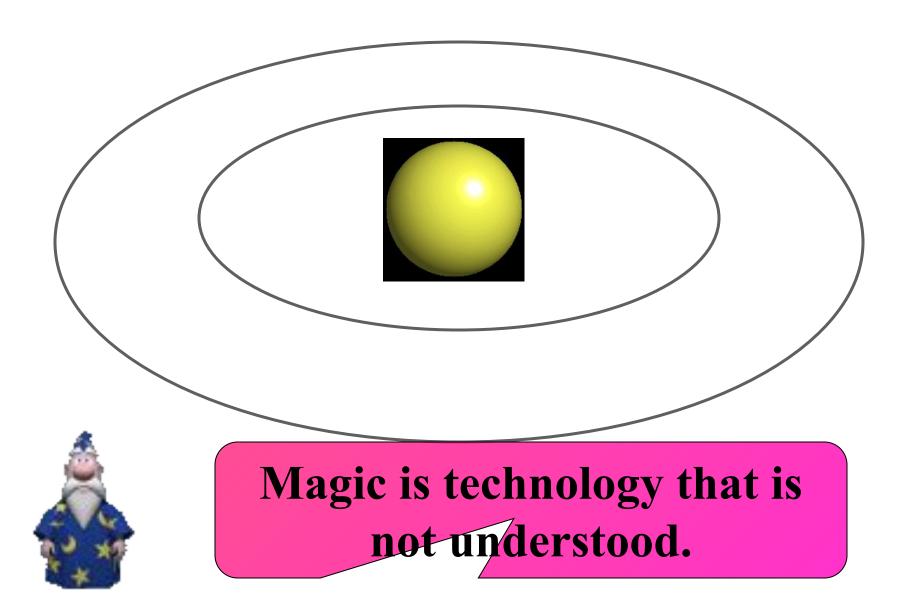
Electricity - electrons moving through a metal wire.

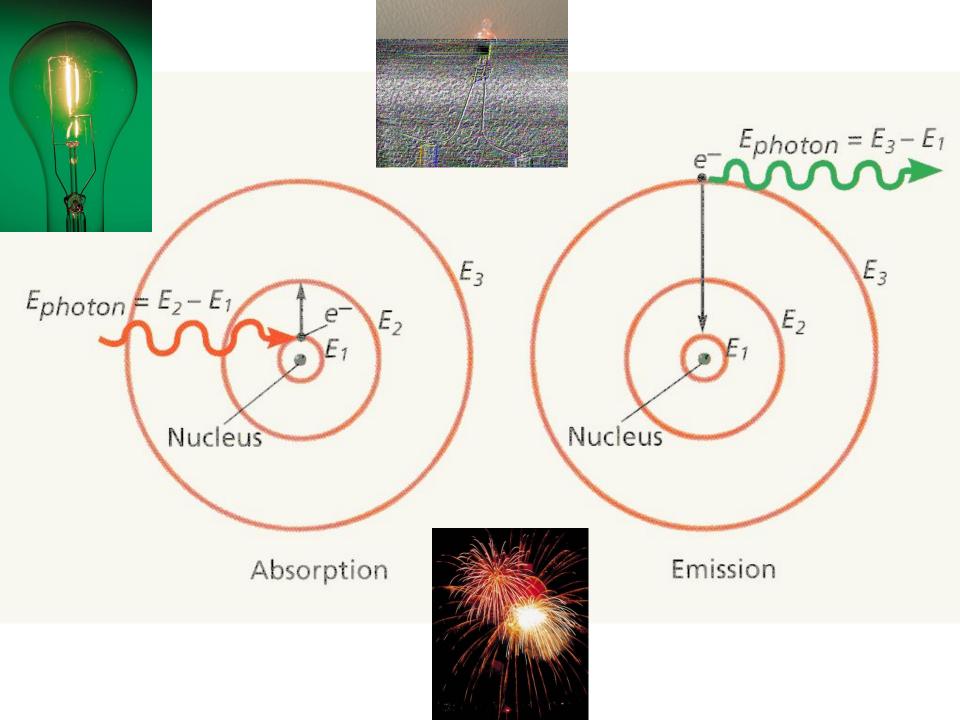


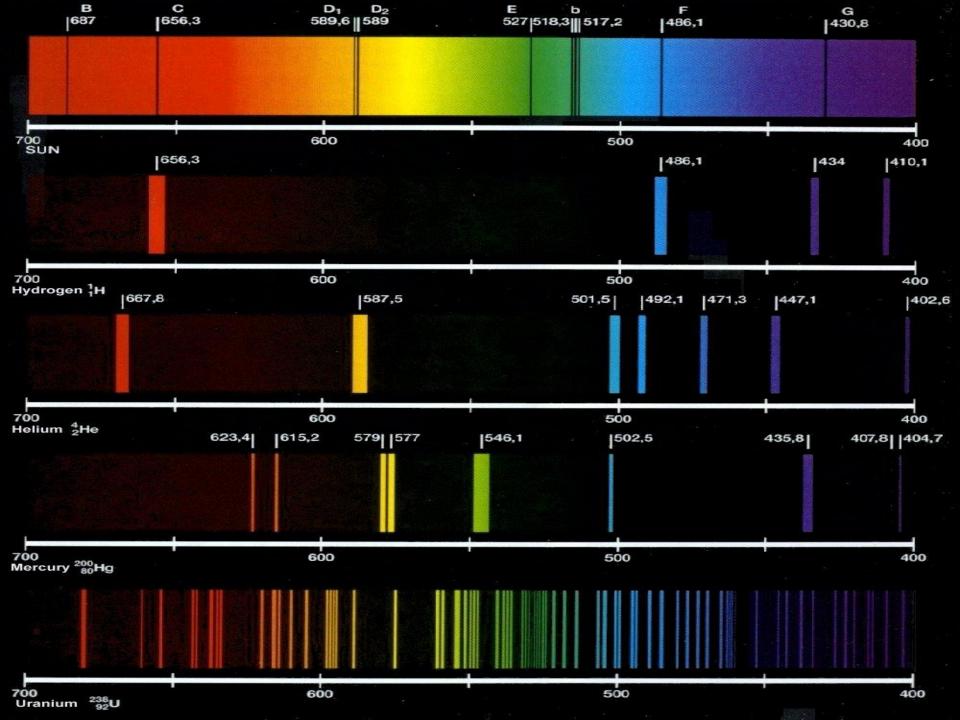
Atomic Absorption



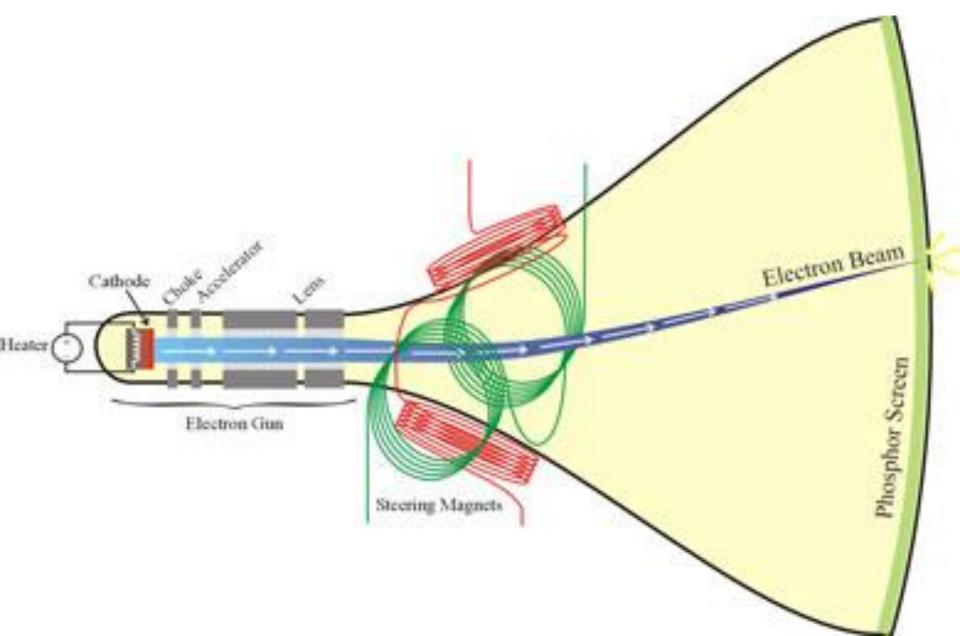
Atomic Emission





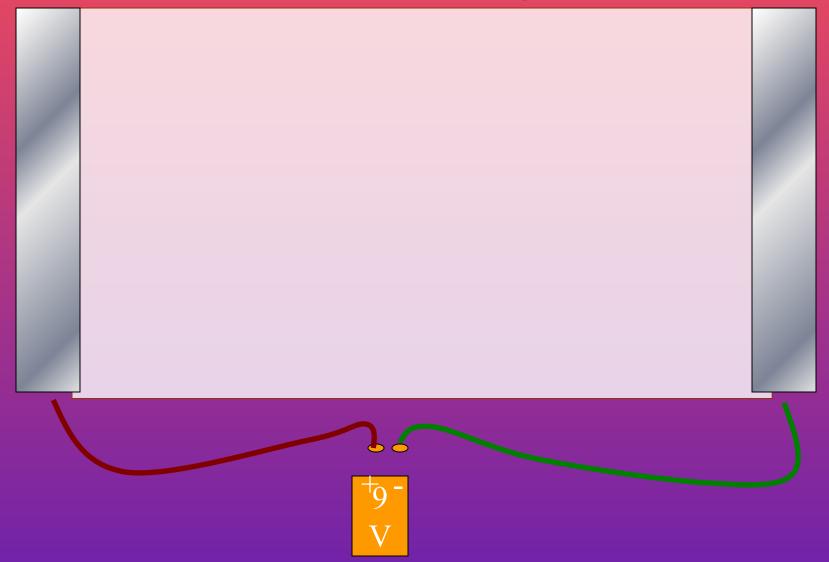


A television is an Electron Gun



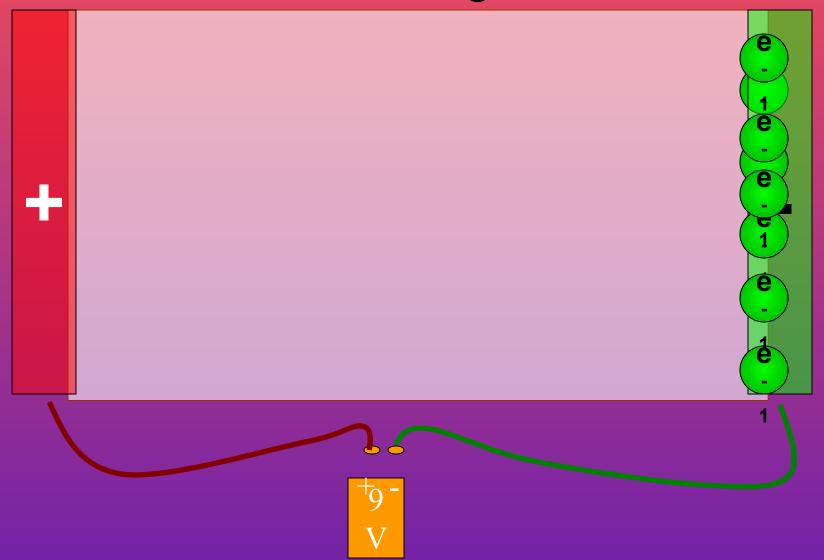
Generating an Electric Field

with dc voltage

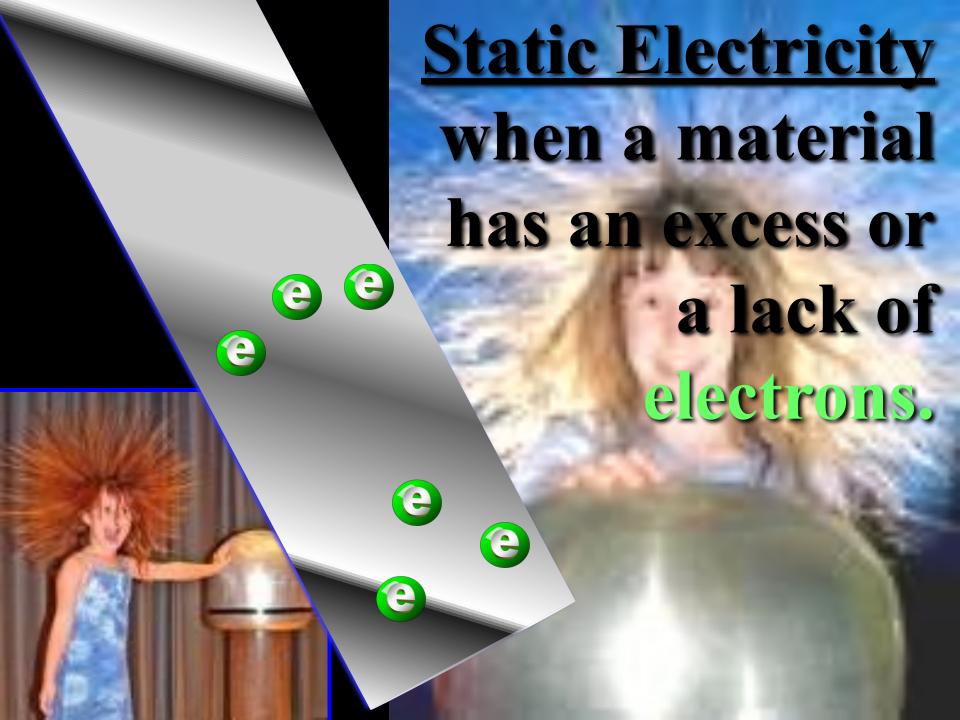


Generating an Electric Field

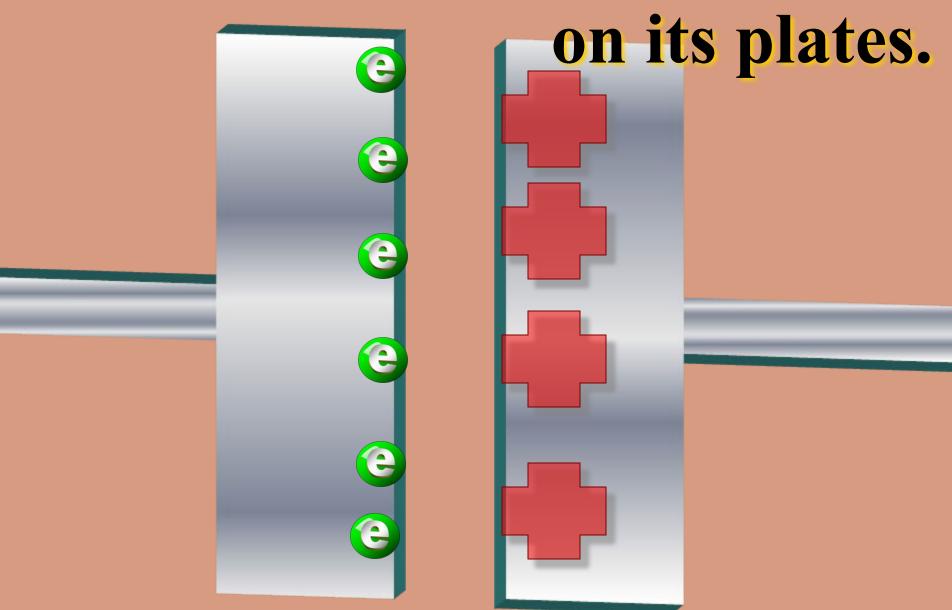
dc voltage







A Capacitor holds a charge



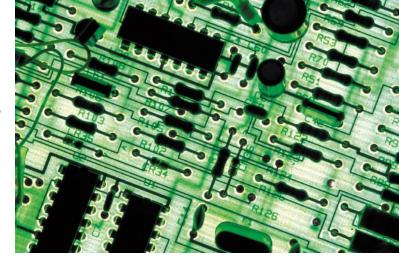
Conductor

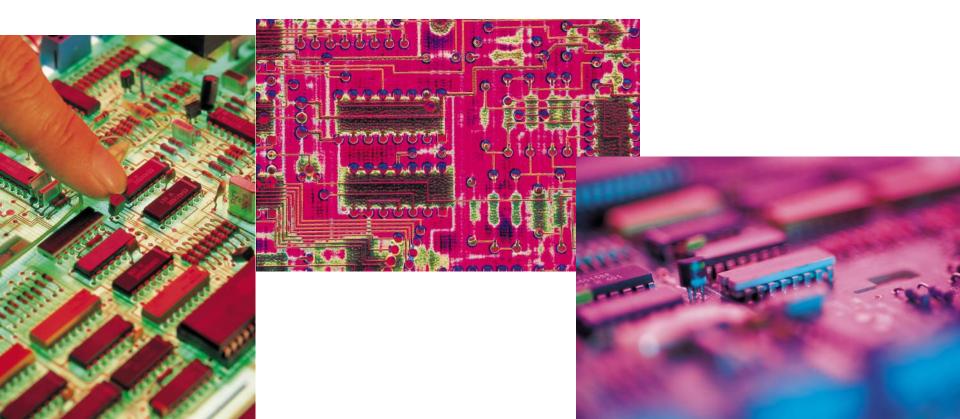
Something that allows thermal energy to pass easily

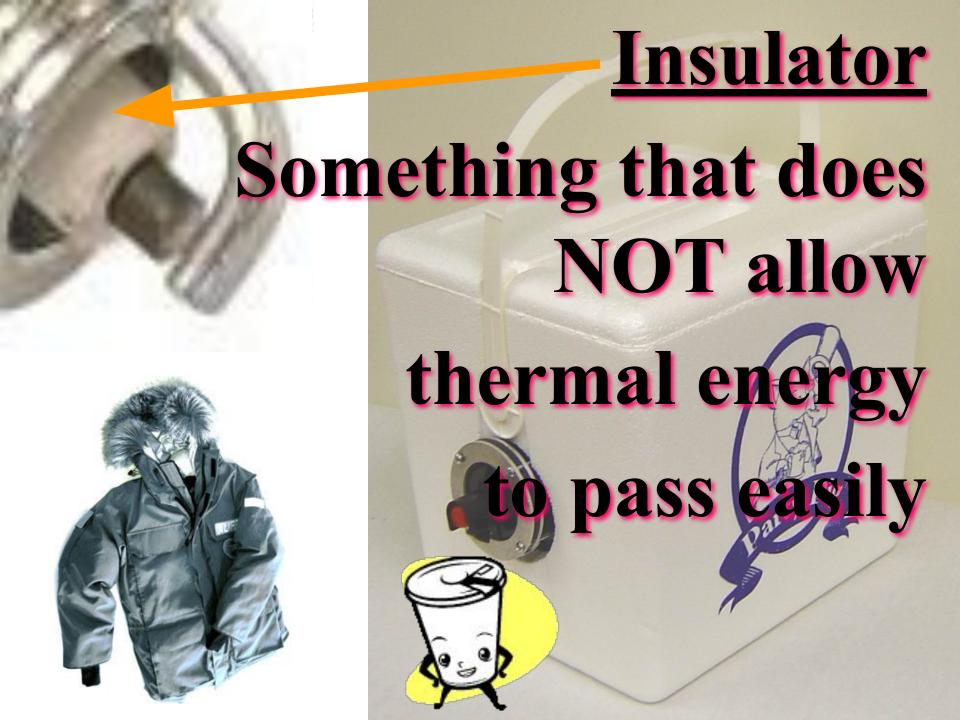
- •Metal
- •Water



semi-Conductor







Electrical Energy – is energy resulting from the force between two objects having different voltages.



Electrical Energy – is the force of moving electrons.



Electrical Energy

Voltage

Current

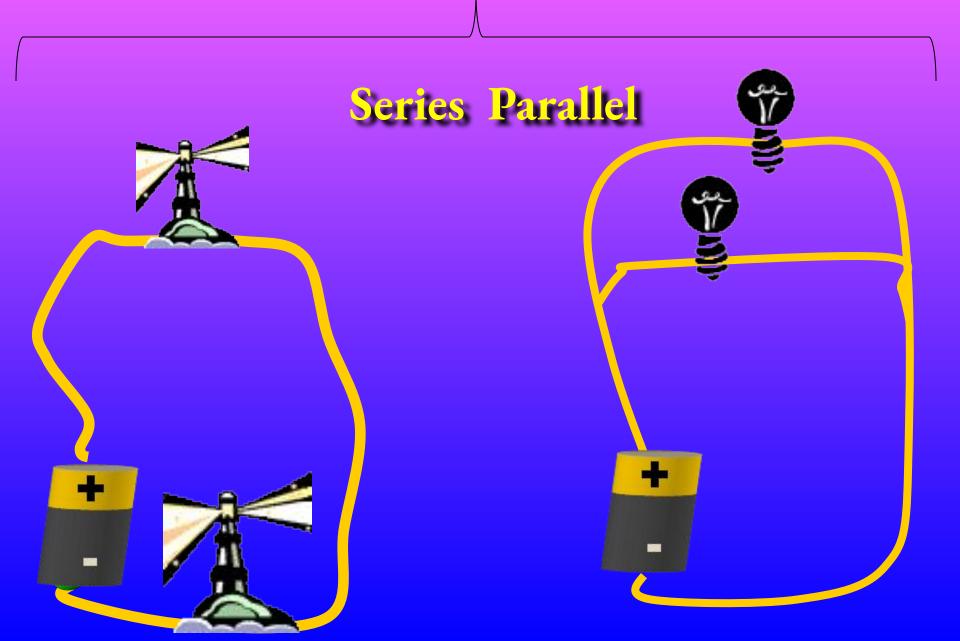
Resistance

Thermocouple (copper & nickel or copper & iron)





Circuits



Circuit Board



Integrated circuit

