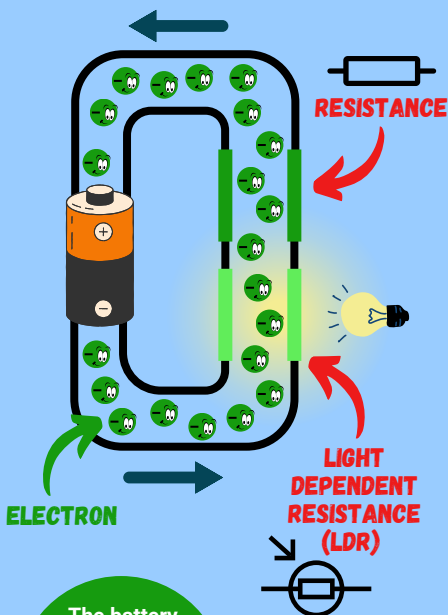


DURING THE DAY...



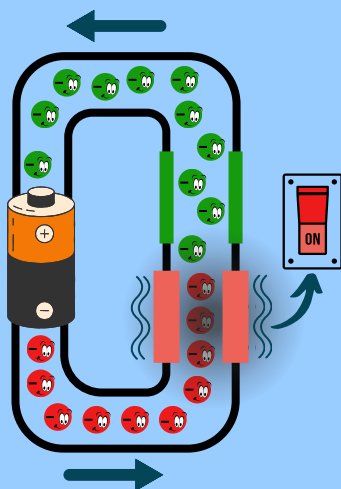
The battery allows for a flow of electrons in a closed circuit- this is a current!

A HIGHER RESISTANCE MAKES IT HARDER FOR CURRENT TO FLOW

LDR value changes with light intensity

DURING THE DAY, THE LDR IS LOWER, SO THE ELECTRONS NEED LESS ENERGY TO MOVE AROUND

IN THE DARK...



THIS REQUIRES MORE ENERGY... THE VOLTAGE INCREASES!

LDR value increases, making it harder for electrons to cross

This voltage turns on a switch that intensifies the light in your construction!

THE LIGHT COMES FROM A LED (LIGHT EMITTING DIODE)

