

ELECTRIC POWER

- rate at which electrical energy is changed/converted into other types of energy
- measured in watts (W)
- calculating power:

$$\text{power (P)} = \text{current (I)} \times \text{voltage (V)}$$

ELECTRICAL COMPONENTS

MULTIMETER

- measures voltage, current and resistance
- two types
 - ammeter (A)
 - voltmeter (V)
- voltmeter must be arranged in parallel

SWITCHES

- single-pole, single-throw
- single-pole, double-throw
- double-pole, double throw
- toggleswitch
 - has lever
- rocker switch
 - like see-saw between on and off
- slide switch
 - can slide button
- micro switch
 - break circuit when something is opened
- reed switch
 - magnet

