| Key word | Definition |
|-----------|-------------------------------|
| Ohmic | A conductor that obeys Ohm's |
| conductor | Law |
| Non-Ohmic | A conductor that doesn't obey |
| Conductor | Ohm's Law |

Components:

| Component | Picture | What it does? |
|--------------------------------------|-----------------|--|
| Resistor | New Contraction | Provides a fixed amount of resistance |
| Bulb | D | Lights up when current flows through |
| Diode | / | Only allows current to flow in one direction |
| Thermistor | | Resistance depends on light temperature |
| LDR (light dependent resistor) | | Resistance depends on light intensity |

Physics - Ohmic and Non-Ohmic conductors

Ohm's Law:

Current is directly proportional to voltage for a fixed value resistor at constant temperature.

To investigate whether a component obeys ohms law, set up this circuit. Replace the resistor with the component you are investigating.



