

# 01. Get to know your tools:

## Electricity:

- Is a type of energy.
- Flows through conductors.
- Convertable into other forms of energy.

## Components:

+ transducers:

- Ex.:
- speakers
  - light bulbs

Role: ■ Changing other types of energy into electrical energy and vice versa.

Sensors:

- Converts other forms of energy into electrical energy.

Actuators:

- Converts electrical energy into other forms of energy.

+ circuits:

- Closed loops of wire with a power source.
- Transport system for energy called lead.

Role: ■ Move electricity through different components.

Description:

In a circuit, electricity flows from a point of higher potential energy (+) to a point of lower potential energy. Ground (-) is generally the point of least potential energy in a circuit.