

Adaptations for Beginning Students

Beginning students could work in pairs.

Adaptations for Advanced Students

Advanced students could expand on the definition in their own words.

Teacher Reflection/Lesson Evaluation

This lesson was created by Middletown ABLE.

COMMON WORDS in BASIC ELECTRICITY

- 1) Voltage: Attractive force between positive and negative charges
- 2) Current: The flow or the movement of electrons along a conductor
- 3) Resistance: The measure of the ability of electrons to move through any material
- 4) Power: The measure in watts of the amount of work that electric current does while running through an electrical component.
- 5) Amp/Ampere: Refers to the rate at which electrical power flows to a light, tool, or appliance.
- 6) Ohm: A unit of resistance.
- 7) Watt: A measure of the power an electrical device consumes.
- 8) Volt: A measure of electrical pressure. Volts x amps = watts
- 9) Circuit: A continuous loop of electrical current flowing along wires or cables.
- 10) Schematic: A drawing that shows how components in a circuit are connected.
- 11) Loop: A continuous closed electrical circuit.
- 12) Alternating current (AC): Current in which there is a change in the direction in which electrons flow.
- 13) Direct current (DC): A type of current in which the electrons move only from the negative terminal through the wires to the positive terminal in one direction. A battery generates direct current.
- 14) Diode: A device that limits the flow of current to one direction, thereby converting alternating current to direct current
- 15) I: The symbol used for current.

COMMON WORDS in BASIC ELECTRICITY

MATCHING

Write the letter in the definition box on the line that matches the term.

- | | | |
|---------------------|---------------------|------------------------------------|
| 1) Voltage _____ | 6) Ohm _____ | 11) Loop _____ |
| 2) Current _____ | 7) Watt _____ | 12) Alternating Current (AC) _____ |
| 3) Resistance _____ | 8) Volt _____ | 13) Direct current (DC) _____ |
| 4) Power _____ | 9) Circuit _____ | 14) Diode _____ |
| 5) Amp/Ampere _____ | 10) Schematic _____ | 15) I _____ |

<p>A A continuous closed electrical circuit.</p>	<p>B Current in which there is a charge in the direction in which electrons flow</p>	<p>C A measure of the power an electrical device consumes</p>
<p>D The symbol used for current</p>	<p>E Attractive force between positive and negative charges</p>	<p>F A type of current in which the electrons move only from the negative terminal through the wires to the positive terminal in one direction. A battery generates direct current.</p>
<p>G The measure of the ability of electrons to move through any material</p>	<p>H A drawing that shows how components in a circuit are connected</p>	<p>I Refers to the rate at which electrical power flows to a light, tool, or appliance</p>
<p>J A unit of resistance</p>	<p>K A device that limits the flow of current to one direction, thereby converting alternating current to direct current</p>	<p>L The flow or the movement of electrons along a conductor</p>
<p>M A continuous loop of electrical current flowing along wires or cables</p>	<p>N The measure in watts of the amount of work that electric current does while running through an electrical component.</p>	<p>O A measure of electrical pressure. Volts x amps = watts</p>

**COMMON WORDS in BASIC ELECTRICITY
ANSWER KEY**

MATCHING

Write the letter in the definition box on the line that matches the term.

1) Voltage __E__

2) Current __L__

3) Resistance _G__

4) Power __N__

5) Amp/Ampere _I__

6) Ohm __J__

7) Watt __C__

8) Volt _O__

9) Circuit _M__

10) Schematic _H__

11) Loop A__

12) Alternating Current (AC) __B__

13) Direct current (DC) __F__

14) Diode __K__

15) I __D__