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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Electricity Vocab

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|  |  |  | 2E |  L |  E |  C |  T |  R |  I |  C |  F |  I |  E |  L |  D |  |  |  |  |
| 3E |  |  |  |  |  |  |  |  |  |  |  |  |  |  E |  |  |  |  |  |
|  L |  |  | 4P |  A |  R |  A |  L |  L |  E |  L |  C |  I |  R |  C |  U |  I |  T |  |  |
|  E |  |  |  |  |  |  |  |  |  |  |  |  |  |  T |  |  |  |  |  |
|  C |  | 5E |  L |  E |  C |  T |  R |  I |  C |  P |  O |  W |  E |  R |  |  | 6R |  |  |
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|  R |  |  |  | 7O |  |  | 8V |  |  |  |  | 9I |  |  C |  |  |  S |  | 10C |
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| **Across****2.** Electric charges exert a force on each other at a distance through an electric field that exists around every electric charge**4.** A circuit that has more than one path for the electric to follow**5.** The rate at which electrical energy is converted into other forms of energy**11.** The source of electrical energy, which is the flow of electric charge**13.** Materials that contain electrons that can move more easily in the material**14.**  Is a circuit that has only one path for the electric current to follow**15.** An imbalance or electric charge on an object | **Down****1.** Is when all objects exert electric force on each other**3.** A rapid movement of excess charge from one place to another**6.** The measure of how difficult it is for electrons to flow through a material**7.** Georg Simon Ohm found a simple relationship among voltage, current and resistance in a circuit known as the Ohm Law**8.** This is a measurement of how much electrical potential energy each electron can gain in a battery**9.** A material in which electrons can not move easily from one place to another**10.** The closed conducting loop that allows electric charges to flow continuously through**12.** A positively or negatively charged atom |