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Electricity Vocab

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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 |