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Electricity

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| **Across**  **1.** the ammeter measures in this unit  **3.** when the electrons flow from the postive end to the negatvie  **6.** an instrument designed to measure current voltage and resistance  **7.** inside the battery  **9.** a circuit where the electricicty passes through each element of the circuit in order  **11.** an instrument for measuring electrical current in amperes  **12.** the unit that a voltmeter measures  **14.** a device for making or breaking the connection of a circuit  **16.** an electromotive force or potential difference expressed in volts  **18.** an instrument used to measure the electric potential in volts  **19.** an object with a rounded or teardrop shape that lights up  **20.** a flow of electricity which results from the orderly directional movement of electrically charged particles  **21.** a closed circuit in which the circuit divides into two or more paths | **Down**  **2.** a container of one or more cells in which chemical energy is coverted into electricty and used as a source power  **4.** an electrical quantity that measures that measures how the device or material reduces the flow of the current  **5.** a device that resists electric current  **8.** the law of physiscs that states the elctric current is directly proportional to the voltage applied to a conductor and inversely proportional to that conductors resistance  **10.** property that can be transferred from object to object  **13.** the unit of electrical resistance  **15.** a complete path and closed path where a circulating current can flow  **17.** a portion of a circuit that consumes electric power |