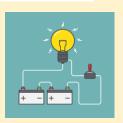
Electricity Science Key Vocabulary Key Knowledge WORD DEFINITION Circuit Types a source of energy in an electrical circuit **Battery** Simple Circuit Series Circuit a compete path which allows electricity to flow Circuit Conductor materials which allow electricity to flow through them easily **ELECTRICAL CIRCUIT SYMBOLS** Adding more cells Motor Resistor Ammeter Voltmeter Dimmer a light control which allows you to change the switch brightness of a light (M) usa W Inductor Switch Capacitor **Electricity** a form of energy \sim m_{\perp} Insulator materials that do not let electricity pass through Diode them easily Transformer Ground DC voltage source

(batteries) to a circuit will make bulbs brighter, buzzers louder and motors faster.



Electrical Conductors	Electrical Insulators
-electricity can pass	-do not let electricity pass
through easily	through
-Copper	-Rubber
-Iron	-Wood
-Steel	-Plastic
-Silver	-Paper
-Gold	

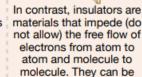
Year 6

Parallel Circuit



Conductors are materials that permit electrons to flow freely from particle to particle. They can be used to make a switch.

Electrical Insulator



used to make a plug or

scientific diagrams.

The current flows from negative to positive. There are no gaps - it is a complete circuit and the bulb lights up.

Wires are always drawn with a straight line using a ruler in

the amount of something produced (e.g., brightness **Output** of a bulb) a component that reduces electric current flow Resistor

current flow

Signal

Variable

resistor

an electrical impulse transmitted or received

a component which varies the amount of electric