



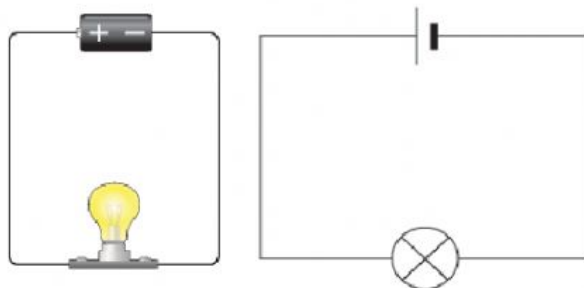
ST. GREGORY'S HIGH SCHOOL

Thinking Schools; Thinking Nation

Circuit

Read the passage to match the terms with the correct descriptions.

Electric current is the passage of electricity along a wire or other electrical conductor. The path along which the current flows from start to finish is called a circuit. A circuit includes (1) a source of energy, such as the generator; (2) wires usually made of copper, which is a good conductor; (3) any appliance that the current operates; and (4) a device, such as a switch, to turn the current off. If any part of the circuit is removed, the current cannot flow; the circuit is said to be opened. When the connection is made again, the circuit is closed. A circuit breaker is a device that opens a circuit automatically when the current grows too strong. In a series circuit the appliances are connected together by a single wire, and the current must pass through each to reach the next one. In a parallel circuit the appliances are connected so that the current flows through each one separately, and the appliance can be turned off or on without affecting the other appliances.



- A circuit in which the current keeps flowing -----
- A device used to open or closed a circuit _____.

- A complete path through which an electric current can flow from the source of electrical energy and back again_____.
- Circuit in which two or more appliances are connected together by a single wire _____.
- Device used to open a circuit if too much current flows through it _____.
- Electricity flowing along an electrical conductor _____.
- Circuit in which two or more appliances are connected so that current flows through each one separately _____.
- An overload of a circuit in which a current takes a short-cut-back to its source without first flowing through some appliance that use its energy_____.
- A machine that changes mechanical energy into electrical energy_____.
- A machine operated by electricity such as washer, iron, or hot plate _____.
- A circuit that has more current than it's designed to carry_____.
- A circuit in which the connection has been broken _____.
- A material through which an electric current can flow easily _____.
- A device that opens a circuit automatically _____.

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Current, open circuit, closed circuit , circuit breaker, conductor, switch, short circuit , circuit ,electric appliance, overload , generator , series circuit, fuse, parallel circuit