



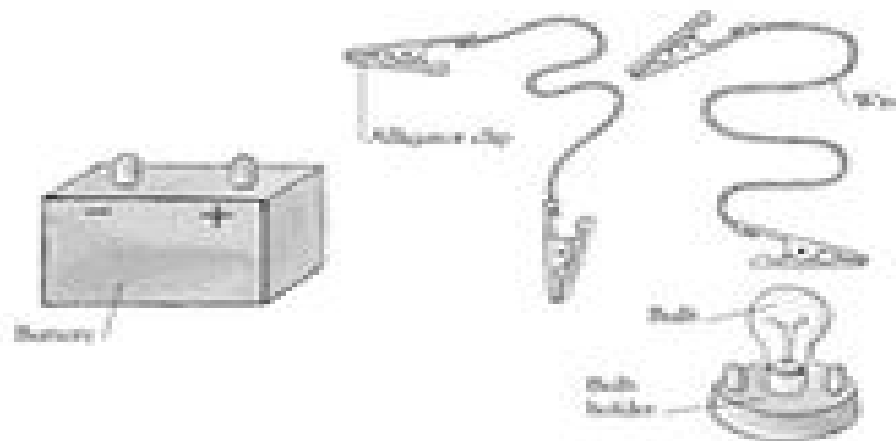
Can you see the light?

Background knowledge

A bulb will only light up if it is part of an electric circuit. A circuit is a complete path around which electricity can flow. It must include a source of electricity, such as a battery. To make a circuit, the bulb is connected to the battery by wires. Electricity flows out of the battery, around the circuit, and back into the battery. Electricity always leaves the negative end of a battery and returns to its positive end. The bulb will light up when electricity flows through it.

Science activity

Now make a bulb light up by connecting these parts together to make an electric circuit. Draw the circuit she made on a separate piece of paper.



Science investigation

⚠ **Take care!** - ask an adult to supervise you. Obtain a 5-volt battery, two small bulbs, and at least three alligator clip wires. Build a circuit first with one bulb, then with two. What happens to the brightness of the light?

