



SIMPLE CIRCUIT

Ingredients

- Flashlight Bulb
- Battery
- 12 Inches of Insulated Wire
- Wire Cutters
- Tape

Science Terms

- **Electricity** – Describes force, energy, current, or power that comes from the movement of electric charges.
- **Circuit** – A complete path that electric current move through.

Instructions

STEP 1: Using the wire cutters cut the wire in half to create two six inch pieces of wire.

STEP 2: Use the wire cutters to remove the plastic from the ends of the wire.

STEP 3: Tape the end of one of the six inch pieces of wire to the end of the battery and the other end of the wire to the flashlight bulb.

STEP 4: Tape the end of the second six inch piece of wire to the flashlight bulb and the other end of the wire to the opposite end of the battery.

Explanation

Once you connected the last wire to the opposite end of the battery you “closed” the circuit. This allowed the current to flow and then turned on your flashlight bulb.



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