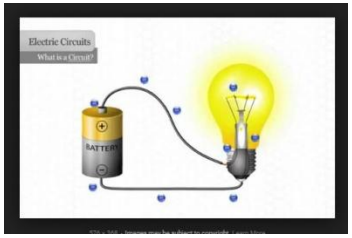
Creating a Simple Circuit

What you will need:
1- 1 D Battery
2- 2 pieces of XXX insulated wires
3- Light bulb
4- Battery Pack



Directions:

- **Gather the necessary materials.** To build a simple circuit, you will need a power source, 2 insulated wires, a light bulb, and a light bulb holder. A power source can be any type of battery or battery pack.
- When choosing a light bulb, find one that is around 15-25 volts so a single battery can power them.
- To simplify the wire attachment process, use a battery snap with wires pre-attached and a D battery or battery pack.
- **Strip the ends of the insulated wires.** In order for your circuit to work properly, the wires need to be totally exposed so you must strip the ends. Using wire strippers, remove about 1 inch (2.5 cm) of the insulation from the ends of each wire.
- If you don't have wire strippers, you can carefully use scissors to cut off the insulation.
- Be careful not to cut all the way through the wire.
- **Install batteries into the battery pack.** Depending on the type of batteries you are using, you may be able to skip this step. If you are using multiple batteries, you will need a power pack to hold the batteries. Push each battery in by the side taking care to put the positive and negative ends in the correct orientation.

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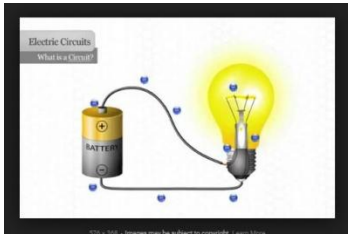

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