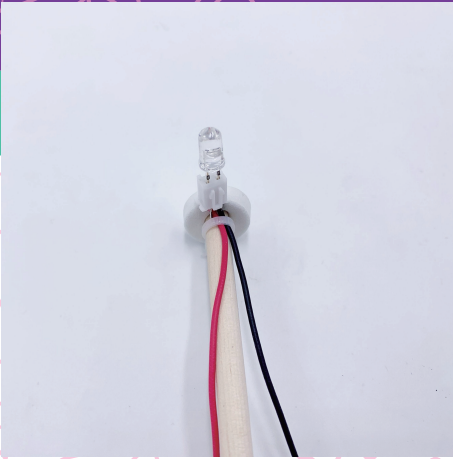
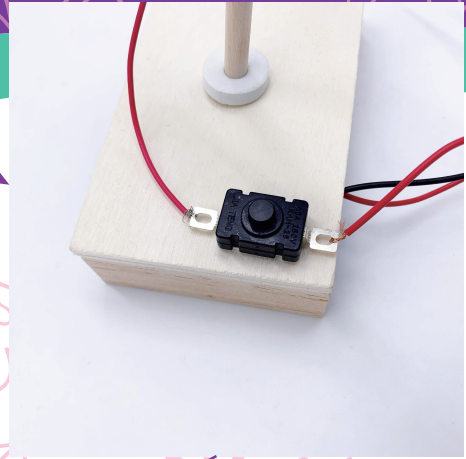


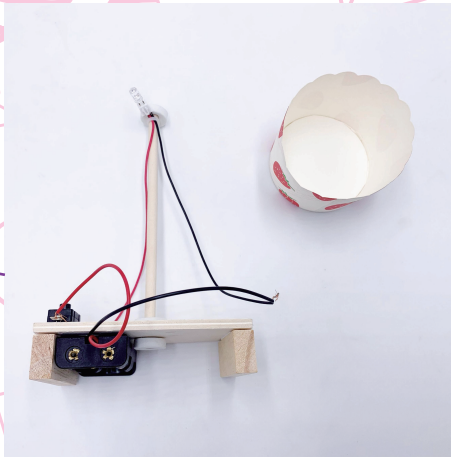
ASSEMBLY PROCESS:



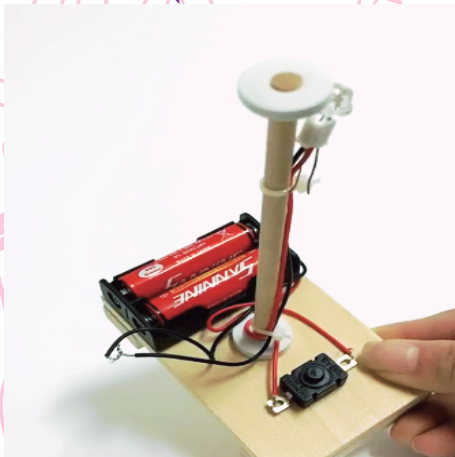
Assemble the bulb to the wire connector. The red wire should connect the longer leg of the bulb. Fasten the bulb and wires to the support wood stick by cable tie. Put the foam on top of the stick.



Insert the support stick into the baseboard with a foam. Connect the switch with the wires of battery case and bulbs. (Both are red wires)



Paste the battery case and the switch to the base board with double side tape. Paste two wood blocks to the both ends of the bottom of baseboard.



Fasten the wires of the battery and bulbs to the bottom of the support stick by cable tie to make the wires neat.



Fix the panel 11 and panel 2 with silver screws.

NOTES:

1. Pay attention to the positive and negative points of the bulb when connect with the wire connection. The longer leg of the bulb is the positive side which needs to connect with the red wire.
2. When connecting the wires to the switch, it needs to be both red wires connecting it.
3. You can put the battery case on top of base board or on the bottom of the baseboard.

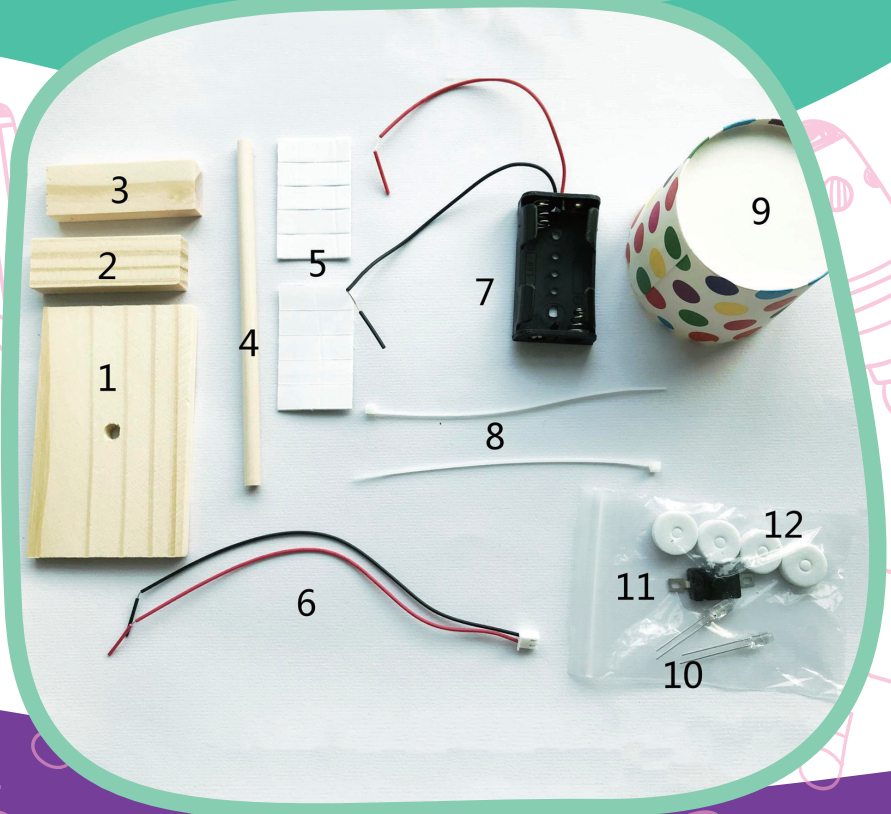
DIY LAMP



Experimental principle:

The principle of this lamp is series circuit. Series circuit is the simplest circuit which composed of power supply, electrical appliances, wires, switches and other components. The battery provides electricity for the whole circuit. The wires connect the lamp bulb, battery and switch in series together to transfer electric energy to the bulb. So that it can shine brightly. And the paper cup on top achieves the effect of a lamp. The function of a switch in a circuit is to control the on or off of electricity.

1. Base board
- 2-3. Wood block
4. Support wood stick
5. Double side tape
6. Wires with connector
7. Battery case
8. Cable tie
9. Paper cup
10. Bulb
11. Switch
12. Foam



Warning:
CHOKING HAZARD-Small Parts. Not for children under 3 years. It must be accompanied by a parent or teacher while assembling.