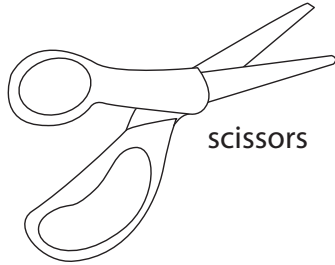


CLOTHESPIN PUPPET BASE

Georgia Tech
Digital World Image Group
An NSF AISL Funded Project

<http://dwig.lmc.gatech.edu/projects/prototypingpuppets/>

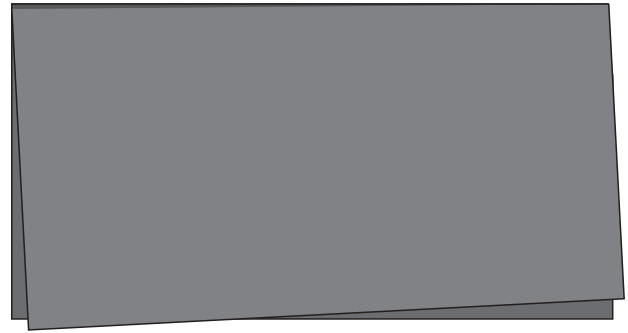
Materials & Tools:



scissors



battery

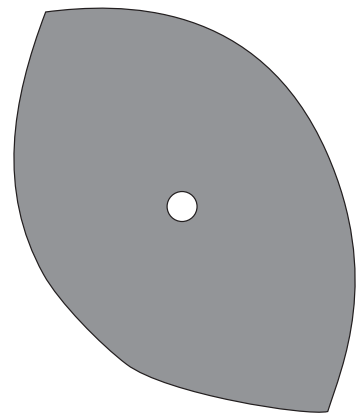
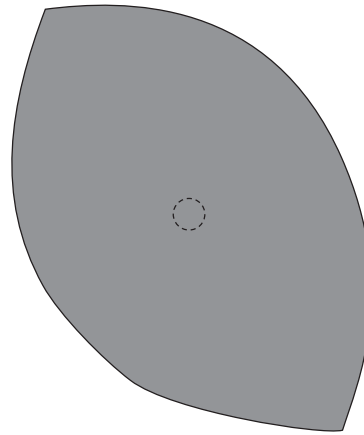
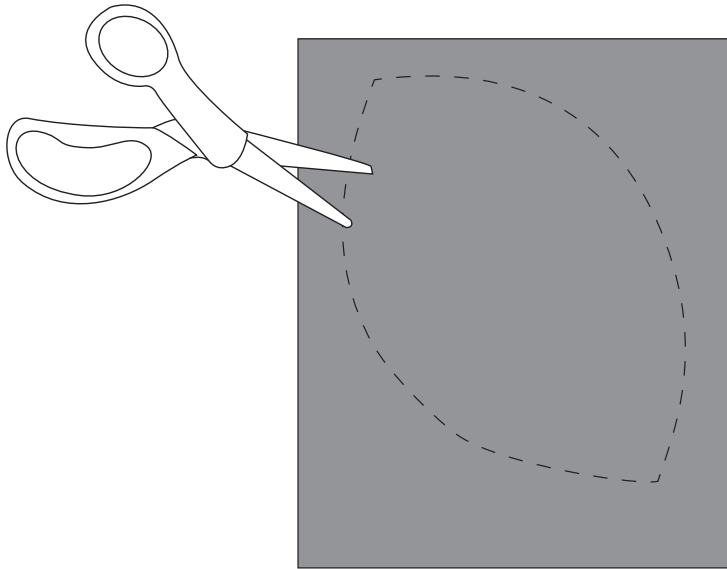


construction paper

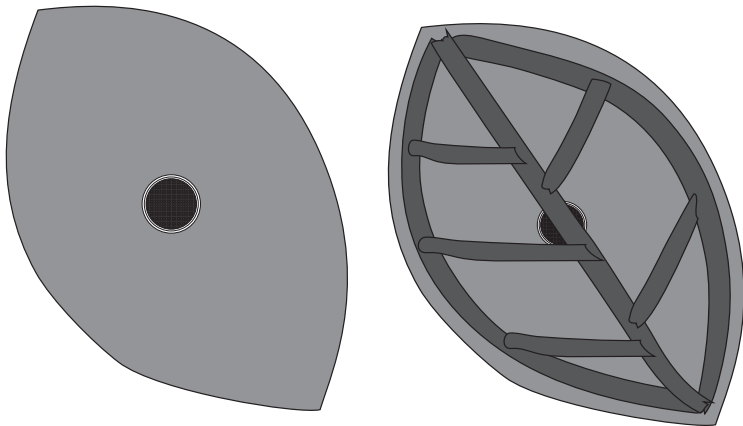


copper tape

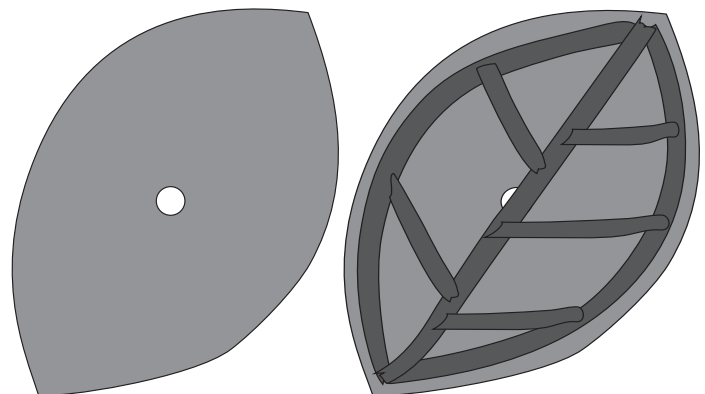
Instructions



Step one: Draw desired shape on construction paper, then cut out.
Determine where you want battery and cut hole there.
Do not cut hole bigger than the battery.

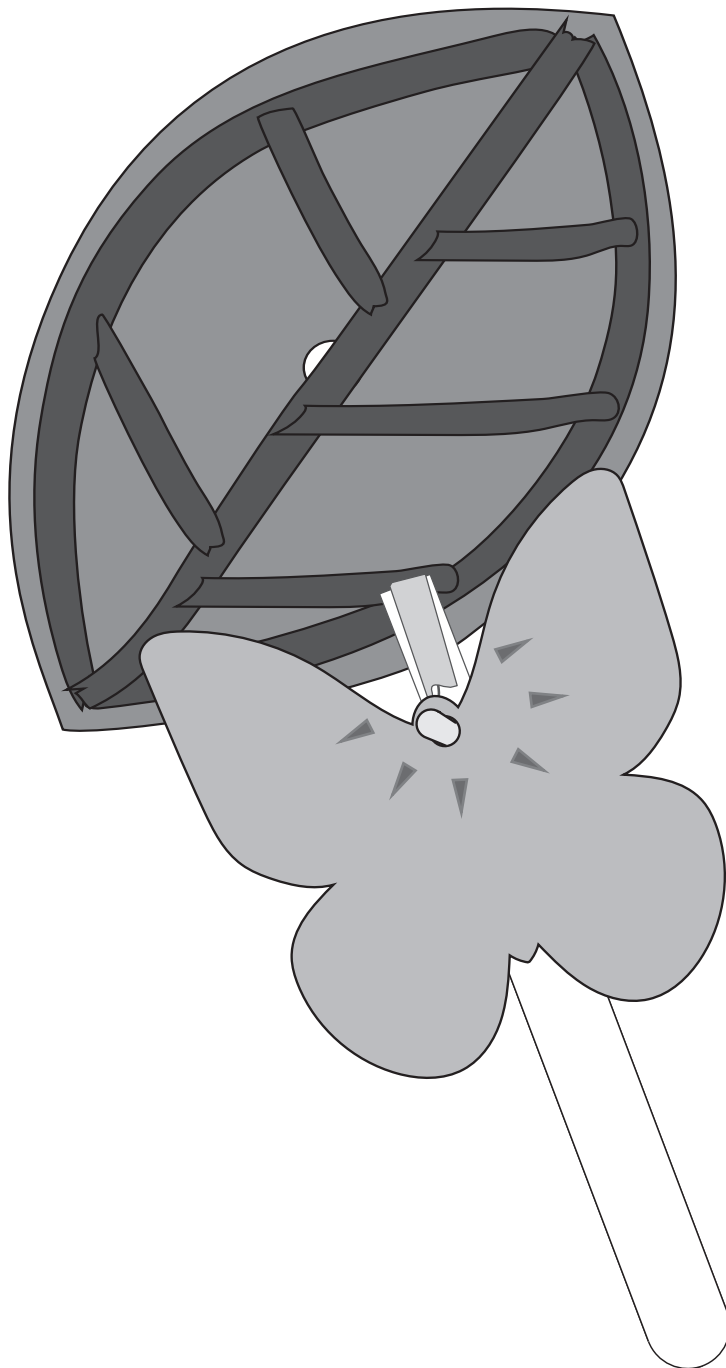


Step two: Place battery on top, covering the entire hole.
Place copper tape over battery, connecting to all edges.



Step three: Flip cutout over and put tape on again.

Final Step: Clip clothespin puppet onto edges. Make sure the copper tape on the clothespin makes contact with both sides of the copper tape on the base.



Trouble shooting:

Tape on one side should NOT contact tape on the other side. This will cause the circuit to “short out”.

Is the tape truly touching the battery?

Check any areas that the tape has been creased- sometimes this causes the tape to break and a disconnect in the circuit.

Hint: Remember that LEDs are directional. Did you try flipping the base over then clipping clothespin?