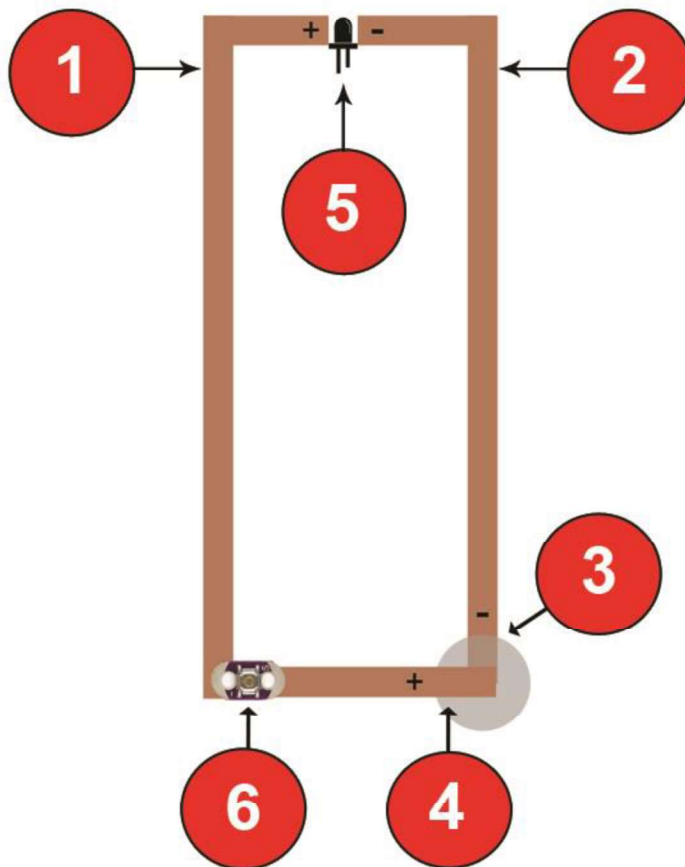


Love Card



- 3v +

Love Card



Makerspaces.com/paper-circuits

Materials:

Copper Tape - 1/4"
Battery - CR2032 - 3v
Transparent Tape
LED - 5mm or 10mm
LilyPad Button Switch
Circuit Stickers (optional)

Tools:

Scissors
Scoring Tool
X-Acto Knife

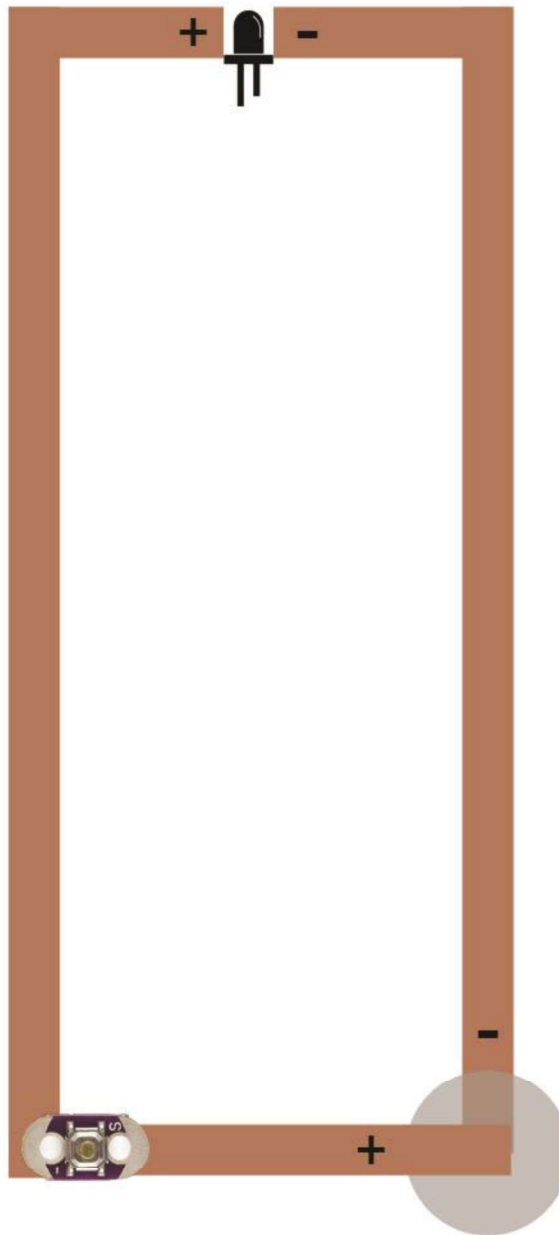
Time Required:

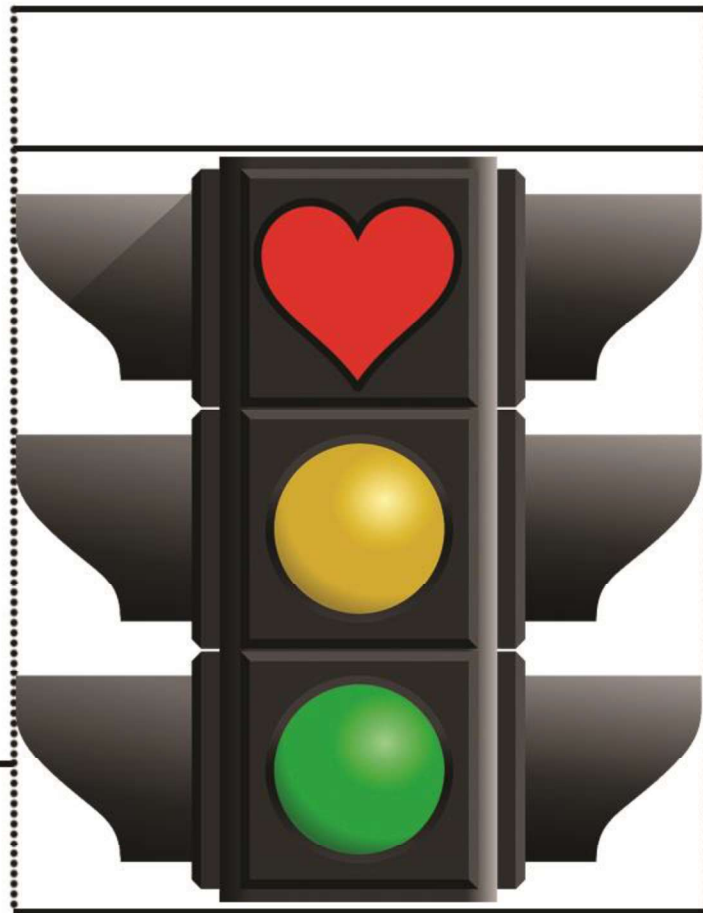
30 minutes

Steps:

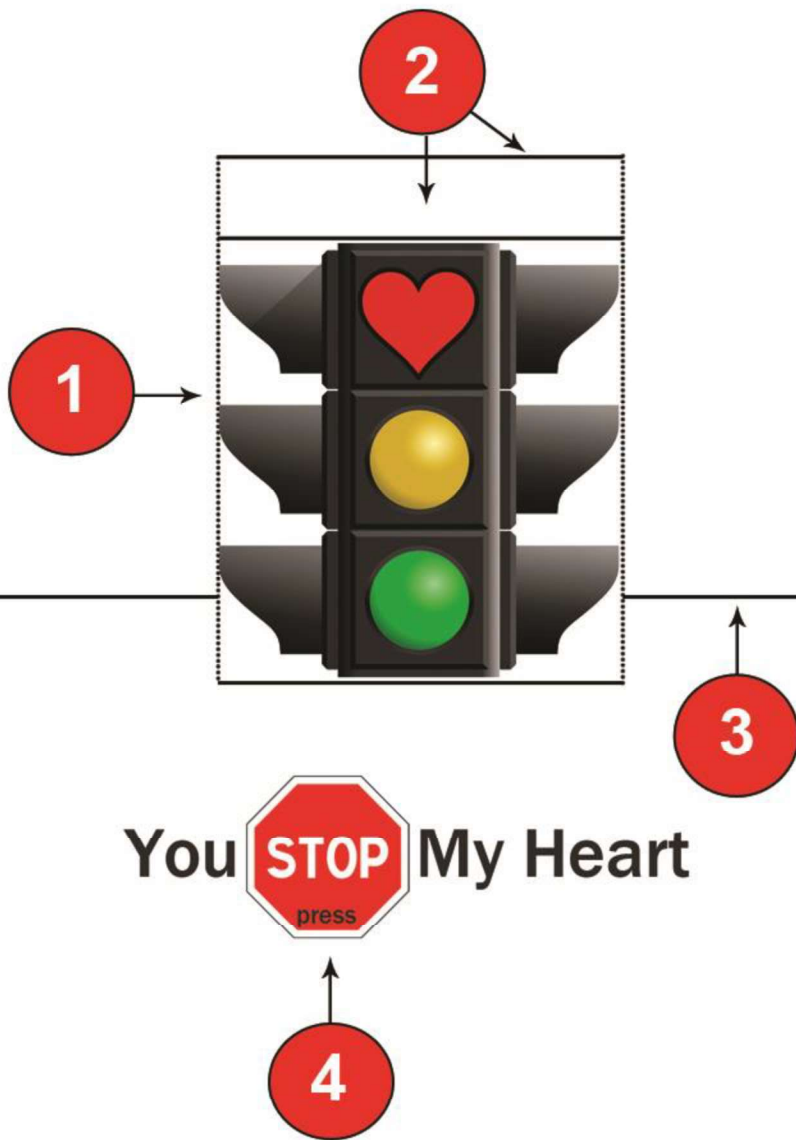
- 1 Apply copper tape to trace line. Smooth with finger. Allow a gap for LED and switch
- 2 Fold copper tape at all corners. Try to maintain a continuous strip with no cuts.
- 3 Place battery on top of copper tape with negative (-) facing down.
- 4 Copper tape on top of battery (+)
- 5 Bend legs of LED at a 90° angle. Use clear tape to secure LED to copper tape. Long leg of LED goes on positive.
- 6 Mount LilyPad switch using clear tape. Make sure there is a gap in the copper tape below switch.

Love Card





You  My Heart



Steps:

- 1 Cut dotted lines on both sides of traffic light.
- 2 Fold all solid lines on top and bottom of traffic light.
- 3 Fold solid lines on both sides of the traffic light. Don't fold middle.
- 4 Place stop sign directly over the LilyPad switch of bottom template.

Materials:

Template

Tools:

Scissors
Scoring Tool
X-Acto Knife

Time Required:

30 minutes