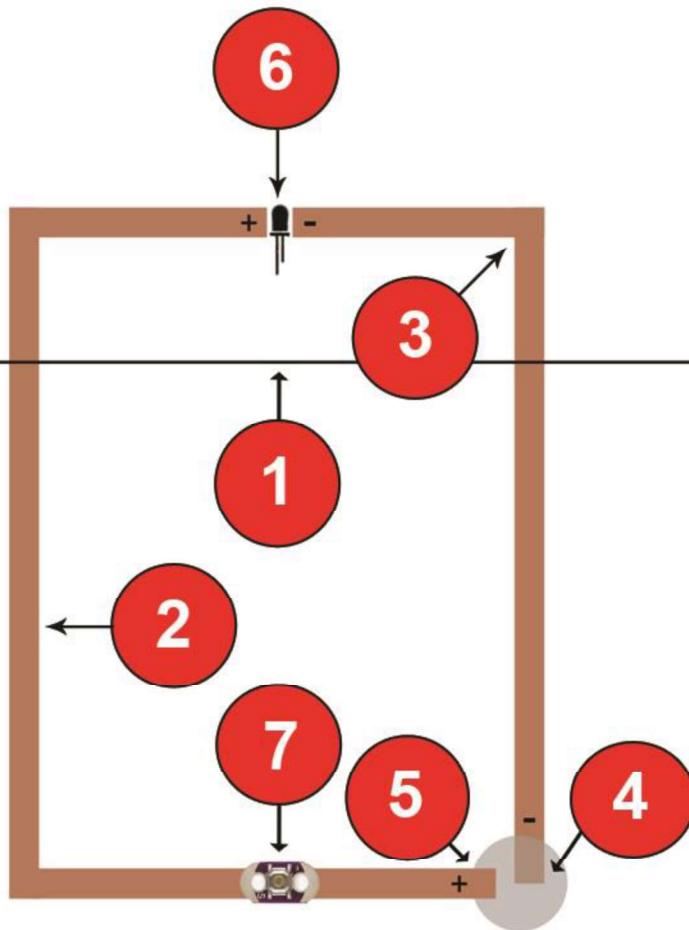




Dad Popup Card

- 3v +

Dad Popup Circuit



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

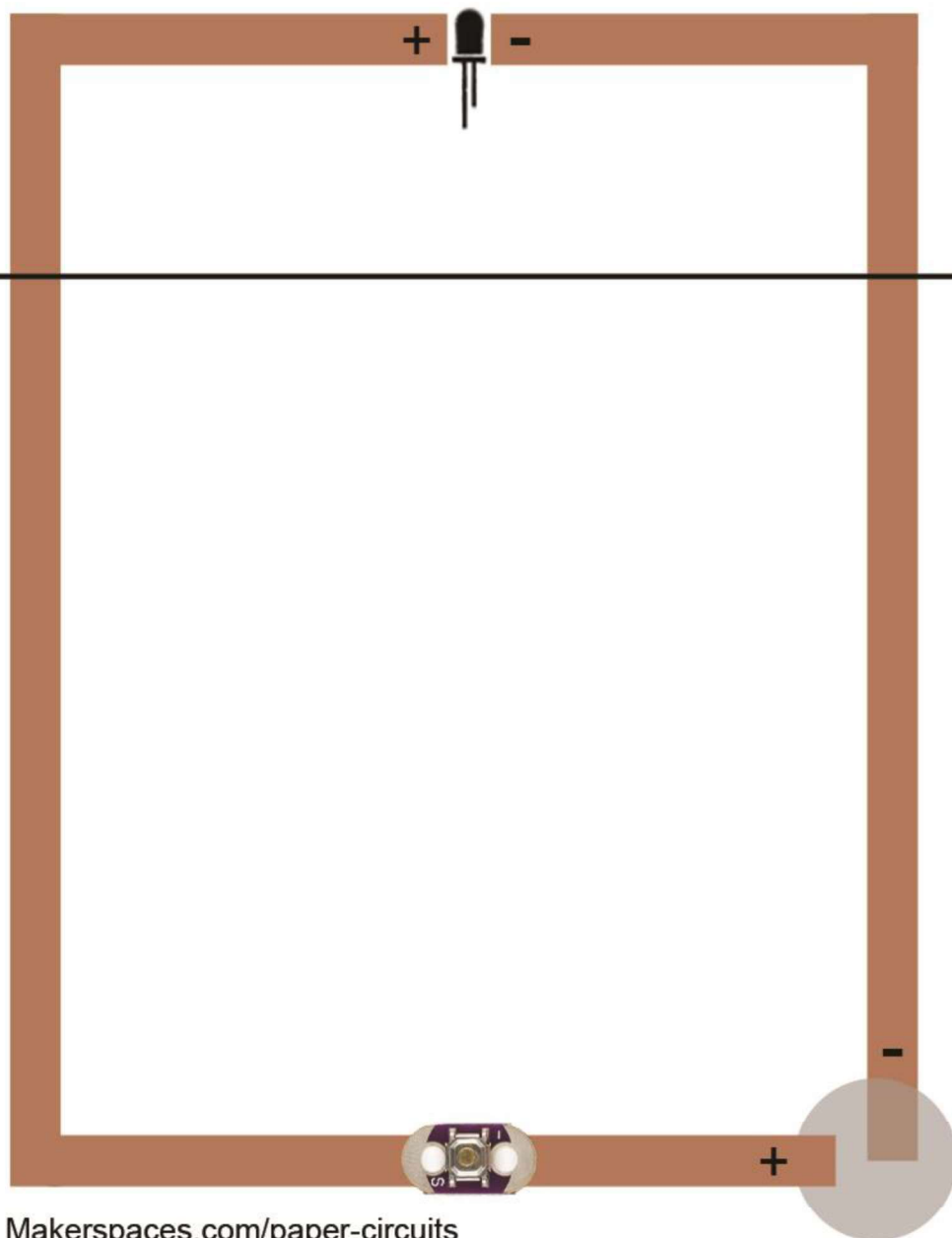
Time Required:

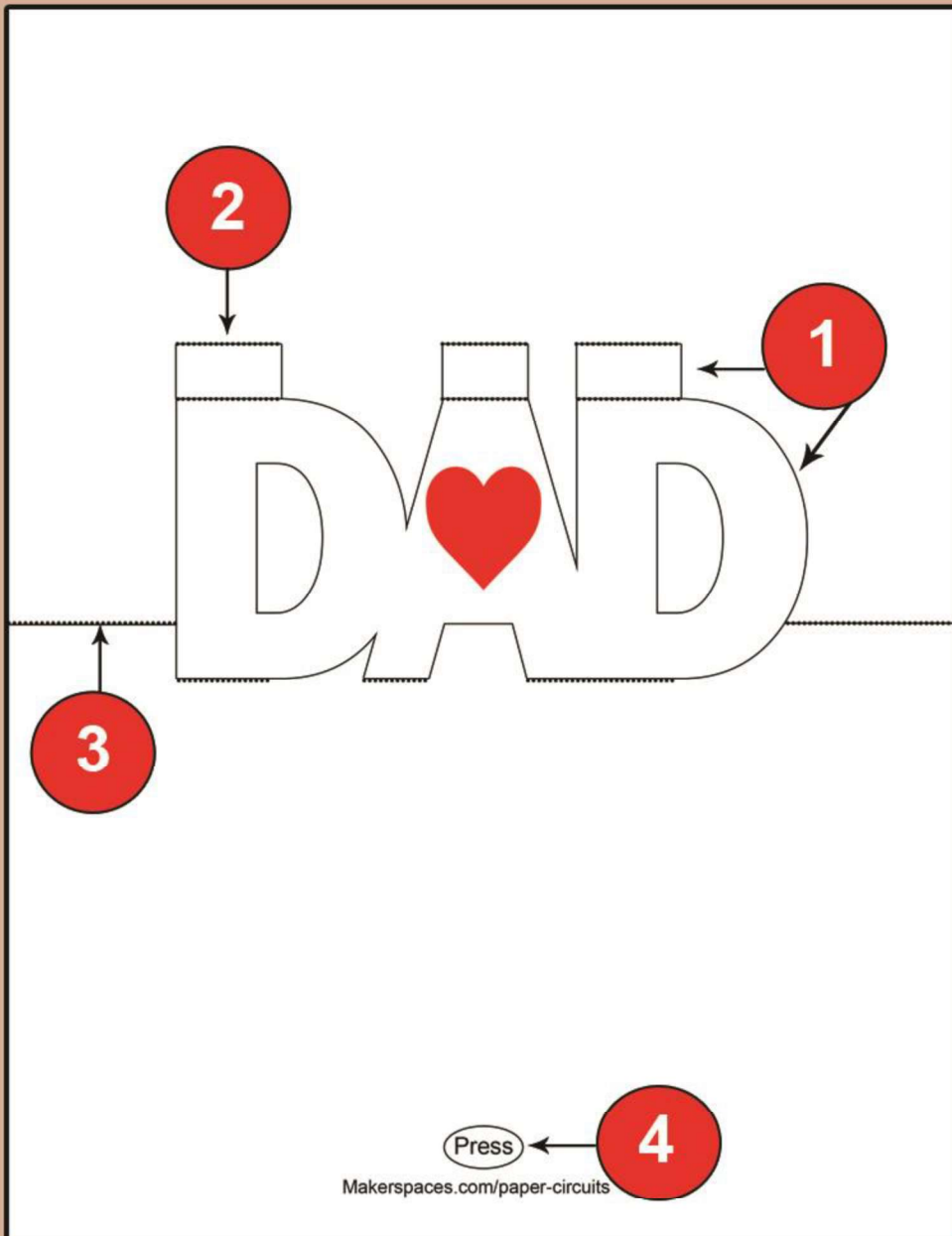
30 minutes

Steps:

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

Dad Popup Circuit





Steps:

- 1 Cut all of the SOLID lines along the word DAD.
- 2 Fold all DOTTED lines on top and bottom of popup.
- 3 Fold DOTTED lines on both sides of the popup. Don't fold the middle.
- 4 Place overlay directly over the circuit template. The button marked PRESS should line up with the LilyPad switch on template below.

Materials:

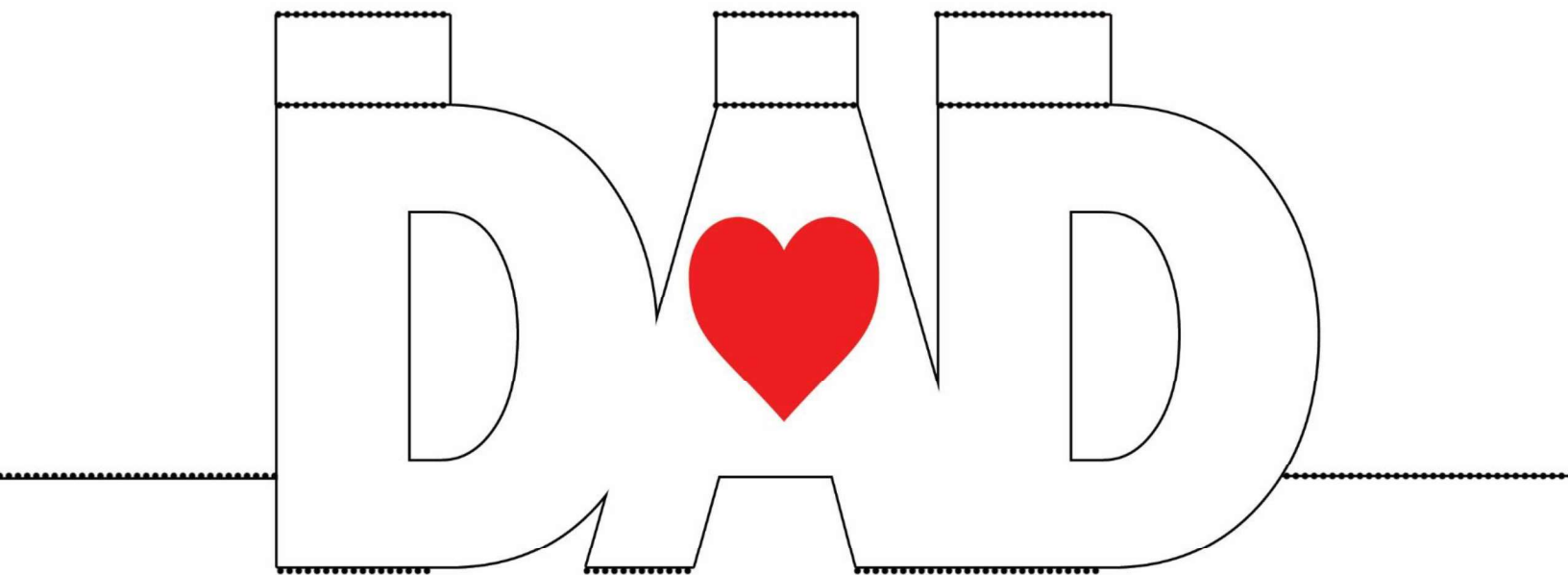
Template

Tools:

Scissors
Scoring Tool
X-Acto Knife

Time Required:

30 minutes



Press