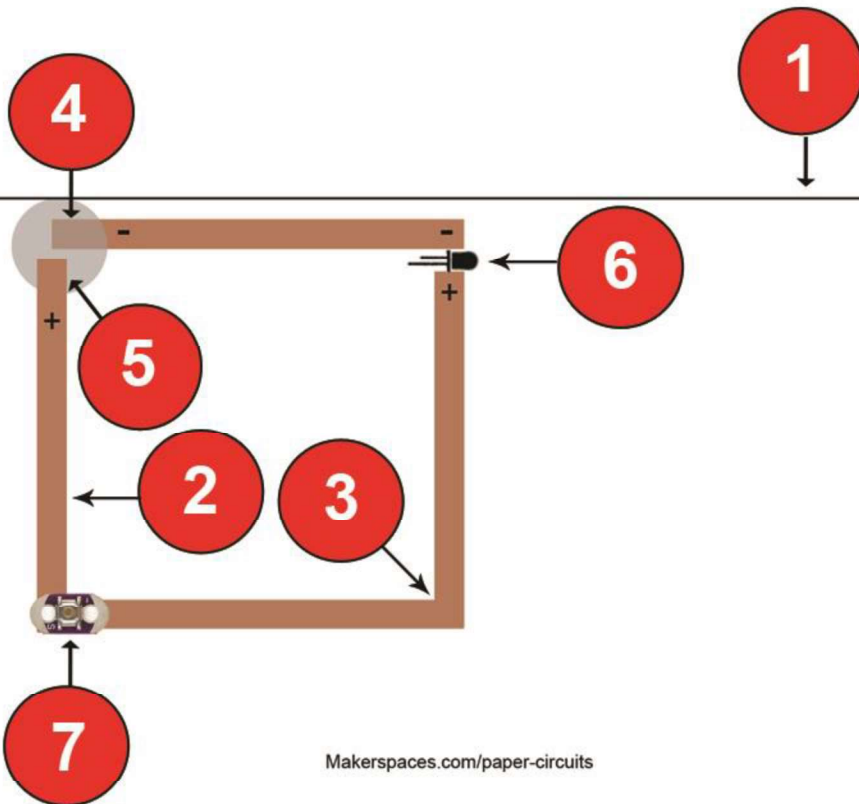




# Christmas Tree

# Christmas Tree



Makerspaces.com/paper-circuits

## 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.

## Materials:

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

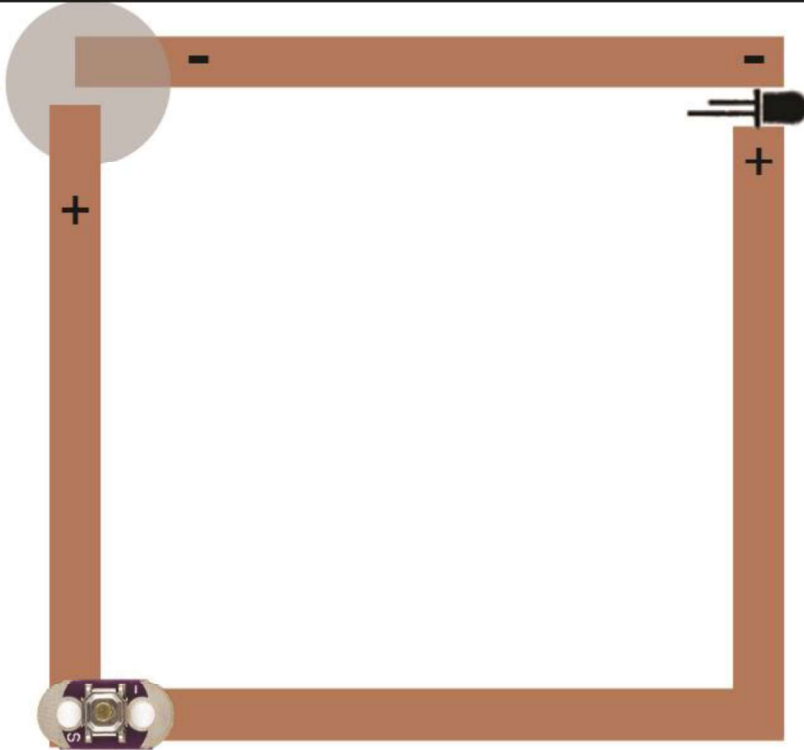
## Tools:

Scissors  
Scoring Tool  
X-Acto Knife

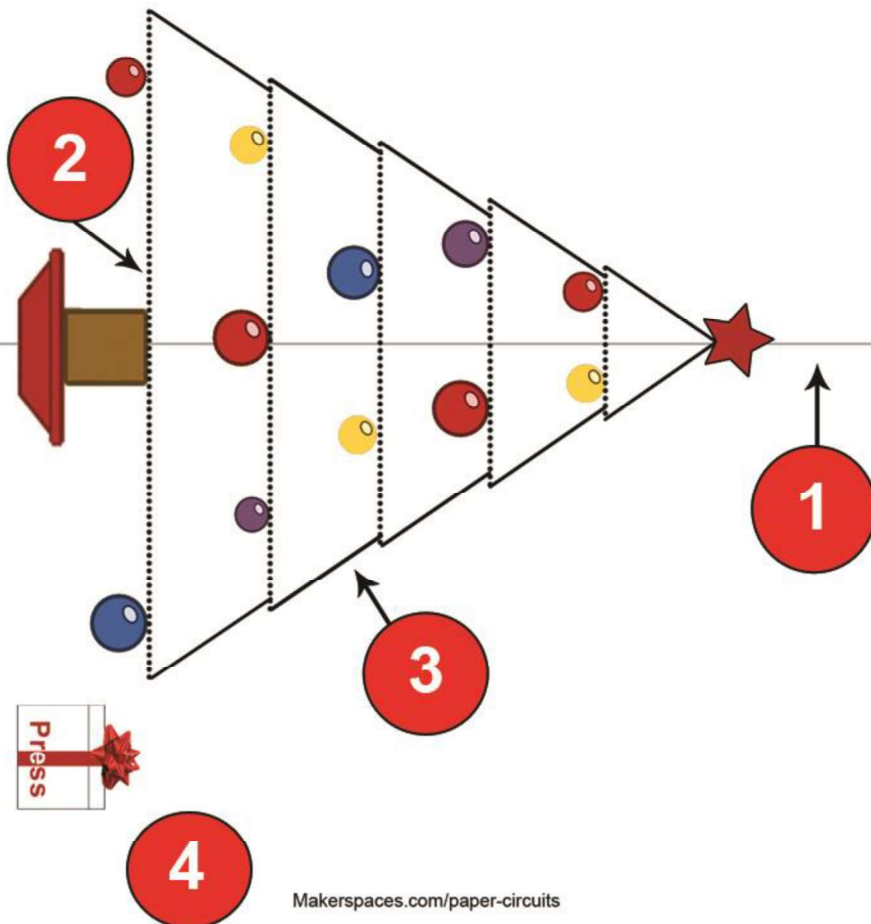
## Time Required:

30 minutes

# Christmas Tree



## Christmas Tree Overlay



## Steps:

- 1 Fold center line of template. A scoring tool is helpful for folds.
- 2 Cut all DOTTED lines on template.
- 3 Fold all SOLID lines on both sides of tree.
- 4 Place overlay directly over the circuit template. The box marked PRESS should line up with the LilyPad switch below.

## Materials:

Template

## Tools:

Scissors  
Scoring Tool  
X-Acto Knife

## Time Required:

30 minutes

