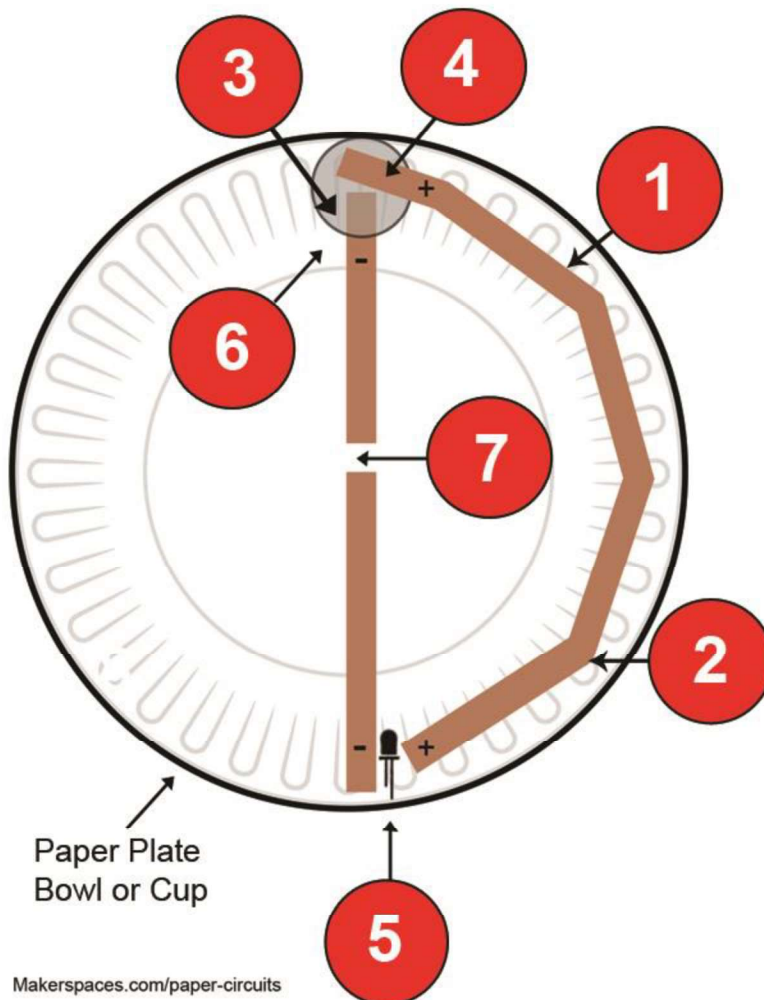


# Water Switch



- 3v +

# Water Switch



## Steps:

- 1 Apply copper tape to trace line on paper plate / bowl. Allow gap for LED.
- 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 Stick the end of the copper tape to the top of the 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 Apply clear tape over battery and copper to ensure good contact.
- 7 Pour water over gap in copper tape. Don't let water reach battery or (+) trace. (short circuit)

## Materials:

Copper Tape - 1/4"  
Battery - CR2032 - 3v  
Transparent Tape  
LED - 5mm or 10mm  
Paper Plate or Bowl  
Circuit Stickers (optional)  
Buzzer (optional)

## Tools:

Scissors  
Scoring Tool  
X-Acto Knife

## Time Required:

30 minutes

# Water Switch

