Quiz
Game

3v
− +

Quiz Game

5
2
1

Question   Answer

6
6

- + (LED)

3

7

-

+

4

Makerspaces.com/paper-circuits
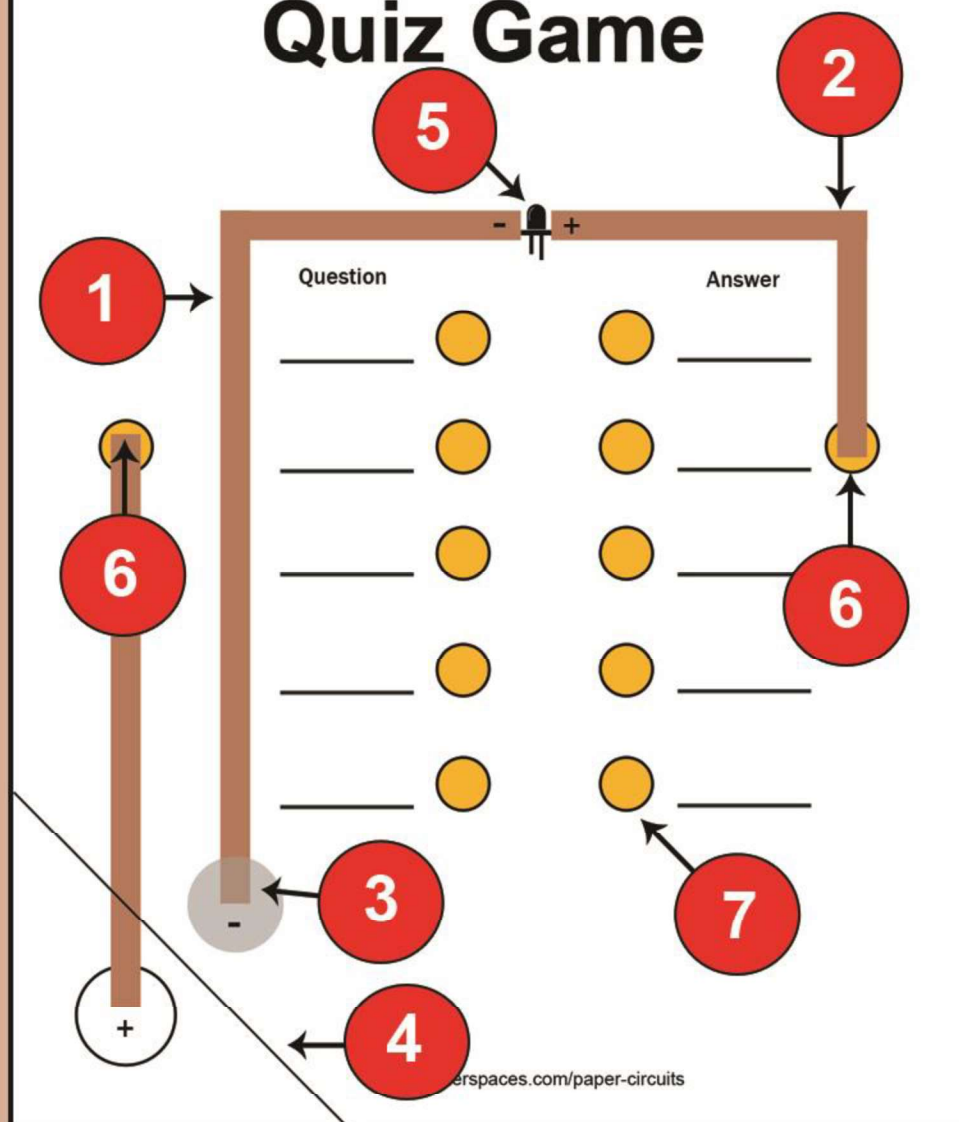
Materials:

Copper Tape - 1/4"
Battery - CR2032 - 3v
Transparent Tape
LED - 5mm or 10mm
Paperclip / Binder Clip
Brass Brad
Alligator Clips/Leads
Circuit Stickers (optional)

Tools:

Scissors
Scoring Tool
X-Acto Knife

Time Required:

30 minutes

Steps:

1 Apply copper tape to trace line on template. Smooth with finger. Allow a 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 Fold corner of template along the line. Using a scoring tool helps with this process. Use paperclip to secure corner.

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 Push brad thru template & copper from the backside. Attach alligator clip to legs of the brad.

7 Push brads from front to back. Connect question to correct answer on back w/ copper. Put clear tape over each path so they don't touch.

Quiz Game

Question

Answer

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