Materials & Tools:

- large craft stick
- copper tape
- construction paper
- LED
- battery
- scissors
- piezo speaker
- clear tape

Instructions:

Step 1: Attach a strip of copper tape on to one side of the craft stick. Do not pull off the backing of the tape all at once. Peel it away slowly as you stick it down.

Flip craft stick over, and attach copper tape strip halfway across this side.

Step 2: Form loop with copper tape, sticky side facing out.

Attach copper tape loop on middle of craft stick. This must touch the copper tape that is already on craft stick.

Step 3: Attach battery on top of copper tape with positive side facing up.

Step 4: Attach another piece of copper tape over middle of battery, extending towards the end, leaving a gap as shown.

Step 5: Attach another piece of copper tape over end, making sure it does not touch any copper tape on battery side. Fold tape over edge of craft stick, connecting it to copper tape on other side.
Step 6: **Bend** the **leeds** of the **piezo speaker** so that they are pointing away from each other.

Step 7: **Place** the piezo speaker on top of the copper tape so that one leg is on one piece of copper tape, and the other leg is on top of the other. Note: A piezo speaker has polarity, so connect the proper leads to the proper side of the battery.

Step 8: Use **copper tape** to **tape over** the **leeds** to connect them to the copper tape underneath, while **securing** the piezo in place.

Step 9: **Trace** your puppet design on to **construction paper**.

Note: ensure that design **matches folded edge** of **construction paper** so that a part of the puppet contains the fold.

Step 10: **Cut** out design.

Step 11: **Unfold** your cutout.
Step 12: **Place** craft stick on top of cutout. Attach strip of **clear tape** over cutout and **craft stick**. Form another **clear tape** loop and **place** over craft stick.

Step 13: **Fold** cutout over to line up with other side.

Step 14: **Cut** out piece of **construction paper** to act as your switch. *Actual size*

Step 15: **Attach** copper tape on to **construction paper**.

Step 16: **Fold** construction paper in half, vertically.
Step 16: Attach folded paper from step 13 to craft stick. Make sure that copper tape on craft stick makes contact with the copper tape on the construction paper. With clear tape, secure the paper to the stick.

CONGRATULATIONS!
Your puppet is now complete!
To beep, press down paper flap on copper tape.