This document will teach you how to hack a Lego Mindstorms cord, so you can connect it to your own craft input and outputs.

**Materials and Tools:**
- Lego Mindstorms
- Connection Cable
- Brad Fasteners
- Copper Tape
- Wire
- Strippers
- Construction Paper

**Instructions:**

**Step 1:** Using the **wire strippers**: cut the **cable** in half.

**Step 2:** Choose one half of the cable. Carefully remove some of the **black outer layer**, exposing the 6 different **colored wires** underneath.

**Step 3:** Strip each individual wire, revealing copper strands underneath.
Step 4: Wrap the exposed copper wire around a brad fastener.

Step 5: Pierce the construction paper with the brad fastener.

Step 6: With the brad fastener head resting on top of the construction paper, flip the paper over. Open up the legs of the brad fastener.

Step 7: Flip paper back over. Place a copper tape strip over the brad fastener extending to the end of the construction paper.

Step 8: Repeat steps 4-7 with all the remaining wires. Make sure no two wires, brads or copper tapes touch.