

3

LED WITH WIRE



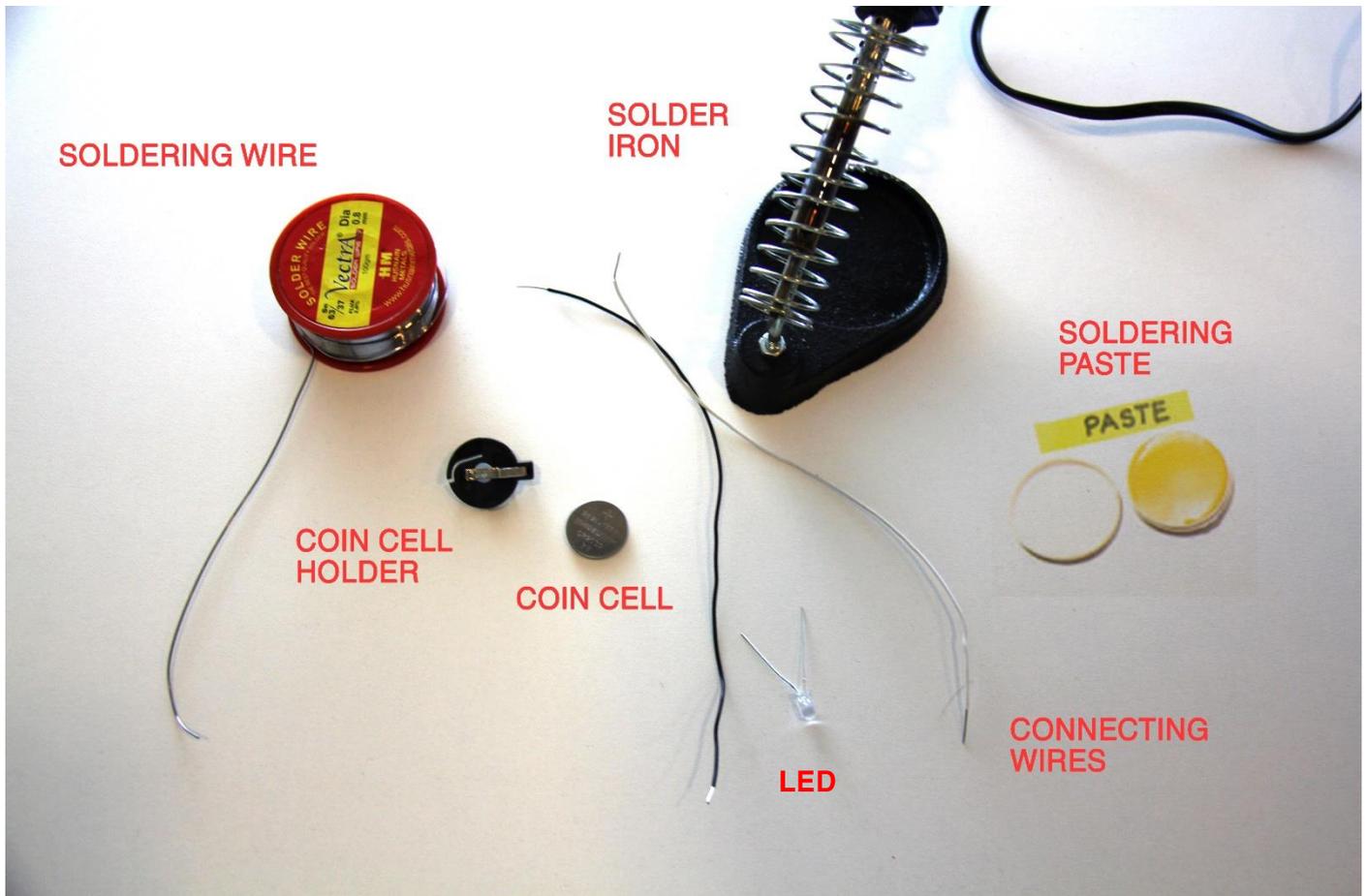
Manual for Soldering Kit Activities

STEP 1:

In this activity, we will learn to connect an LED with a coin cell using wires instead of Veroboard.

STEP 2:

The items required for this activity are as follows:



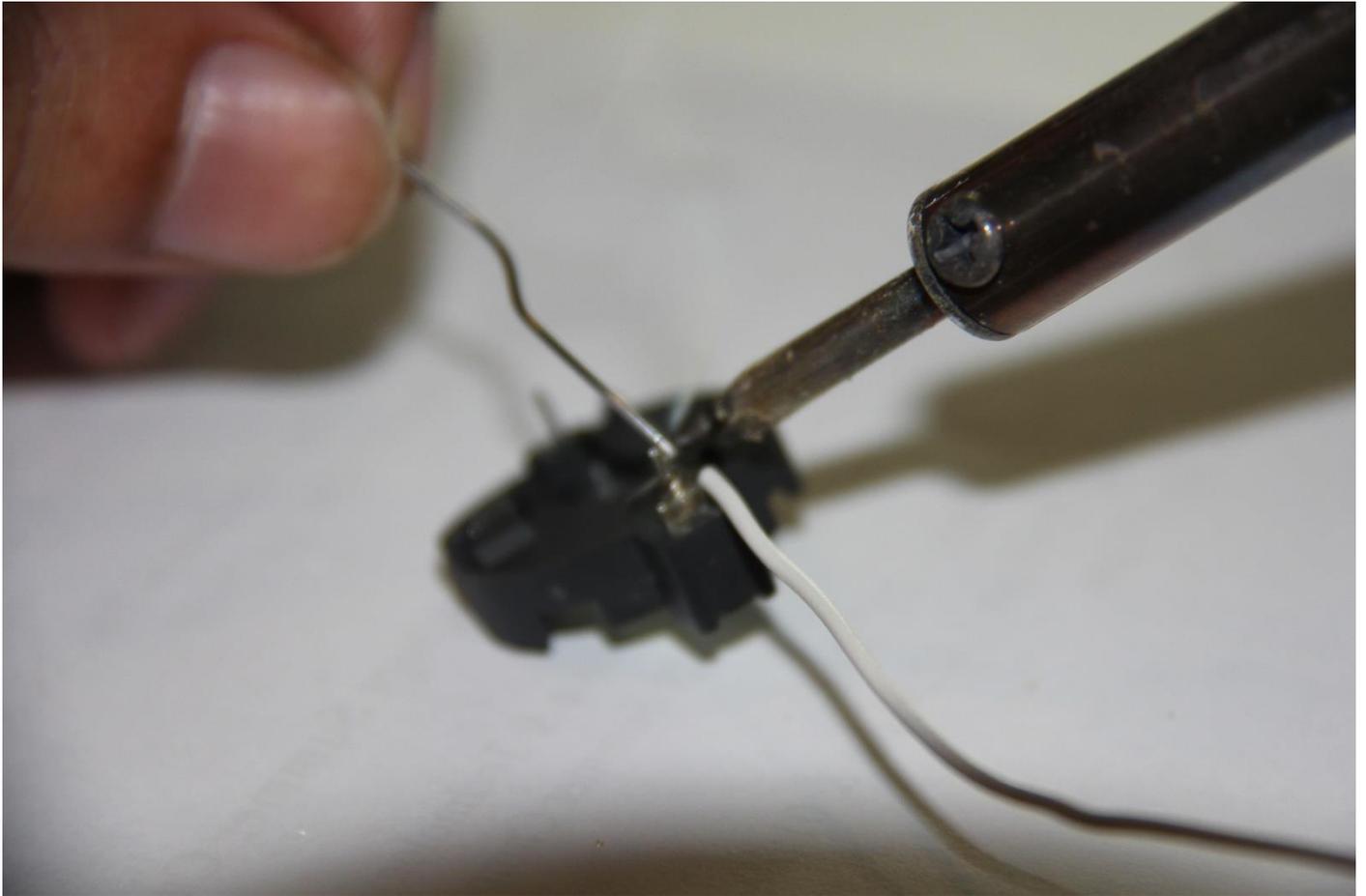
STEP 3:

The Coin Cell holder has two pins the top pin is the positive terminal while the bottom pin is the negative terminal.



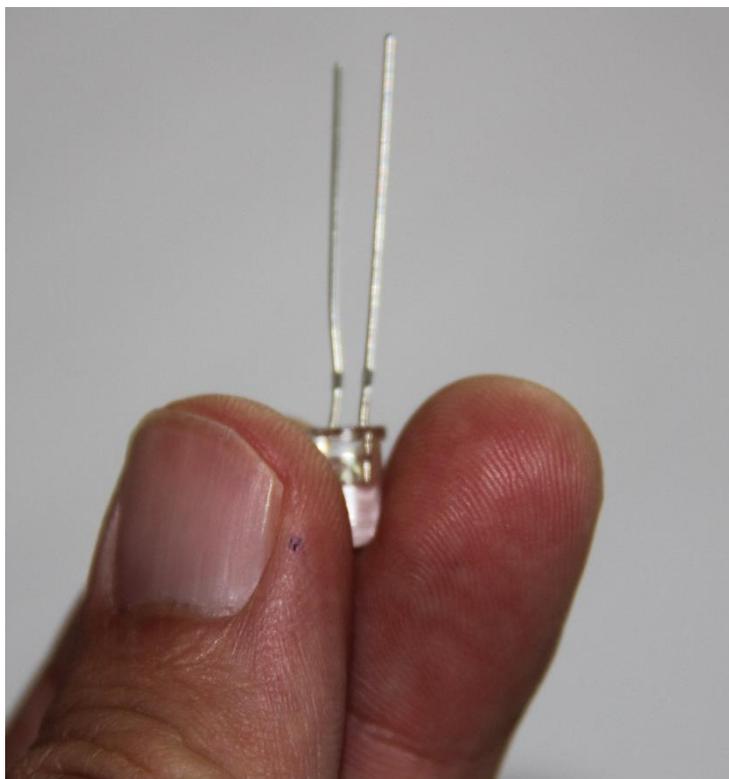
STEP 4:

Take two connecting wires and solder them on the terminal of the coin cell holder as shown.



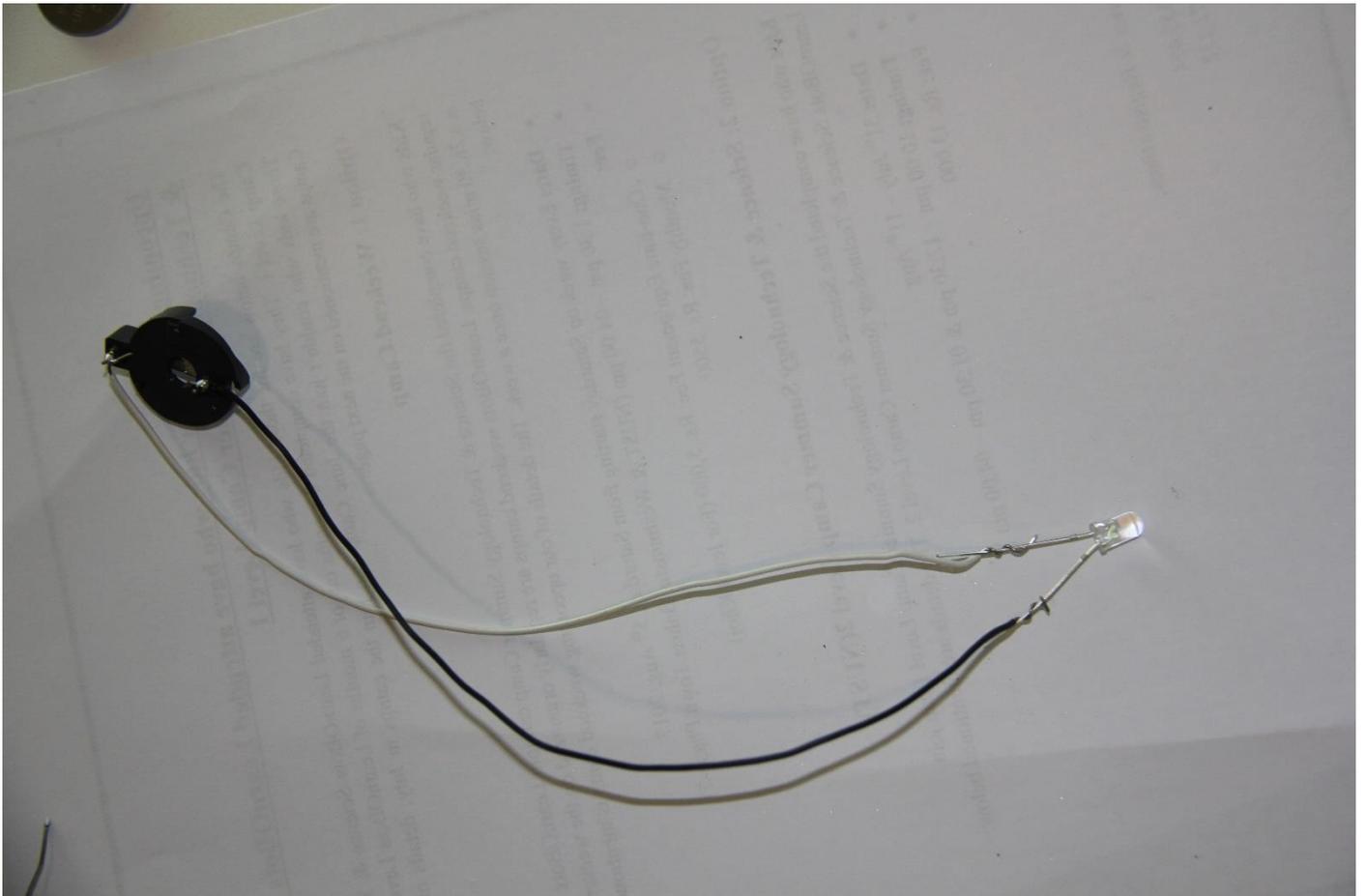
STEP 5:

Take a look at the LED, it has two legs, the longer leg is the positive terminal while the shorter leg is the negative terminal.



STEP 6:

Now connect the positive terminal of the LED with the Positive terminal of Coin Cell Holder and the negative terminal with the negative terminal of the Coin Cell holder. Twist the connecting wires on the legs of LED as shown.



STEP 7:

Now solder the legs of LED and the Connecting Wires.



STEP 8:

Insert the coin in the coin cell holder. The LED will light up now.

