SOLDERING IS EASY
HERE'S HOW TO DO IT

SOLDERING IRON
WIRE CUTTER
SOLDER
PARTS
PCB

THE IRON IS HOT!! BE CAREFUL!
YOUR KIT SHOULD COME WITH INSTRUCTIONS FOR WHAT PARTS GO WHERE AND WHAT WAY!
CLEAN THE TIP OF YOUR IRON BEFORE EACH SOLDER CONNECTION!

PUT YOUR PART IN PLACE, BEND OUT THE LEADS SO IT STAYS IN PLACE

OK, LETS SOLDER!
FIRST, YOU WANT TO HEAT BOTH THE PAD AND THE LEAD FOR ABOUT 1 SECOND

If you need a third hand, you can make a standing coil of the solder instead of holding it in your hand.

Touch the soldering iron to both the pad and the lead!

Now feed solder under the tip of the iron about 1-3 mm.
A good connection covers the pad without touching other pads and surrounds the lead.

Stop feeding solder, then hold for 1 second so the solder can flow properly.

Cut the leads off with the wire cutter.
Some leads are already short, you don't need to cut those.

Cut the leads off with the wire cutter.
Always hold on to the lead!

Wash your hands when you're done!

Lead on the other hand is toxic, and gets on your skin when holding the solder.
The smoke from the melting solder is not toxic, but blow gently on it to avoid breathing it.

If all your connections are good, your circuit will just work!
There are more tricks you will learn as you keep soldering, but now you know enough to make many cool things.

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