

## How to solder

*What is soldering?* Soldering is a way to connect wires while keeping it still conductive without giving up any of its strength.

### Materials needed:

- Soldering iron.
- Soldering lead or some other metal to hold the bond.
- The wires or something that you are trying to hold together.
- Electrical tape

### Process:

Step 1. First, strip the end of the wire with wire cutters.

Step 2. Twist your stripped wire so there are no threads going in random directions.

Step 3. Get a tiny amount of solder on the iron and put it underneath the wire, it should flow across the stripped wire. Put a tiny amount of solder on top of the wire to make sure that it is fully covered.

Step 4. Repeat step 2 with the second wire.

Step 5. Twist the wires together so that they are on an even level

Step 6. Repeat step 2 with both of the wires twisted together. You may just need to melt the pre-existing solder.

Step 7. Wrap the electrical tape around the bound wires or place a shrink around it.