

Construct an LED with flying leads

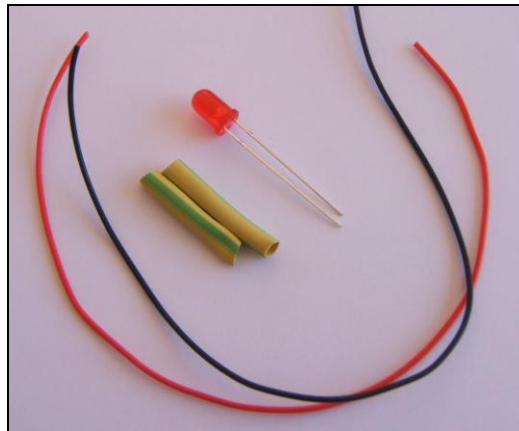
This method is also suitable for constructing push to make switches with flying leads

You may attach your LEDs to your project using flying leads, if this is the case then use this method,

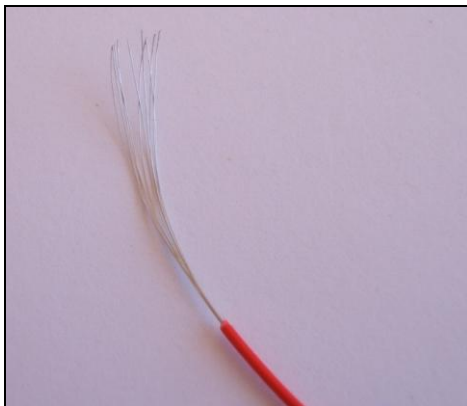
This example uses multi core wire, you may also use single core

You will need to collect the following equipment before you start soldering your circuit:

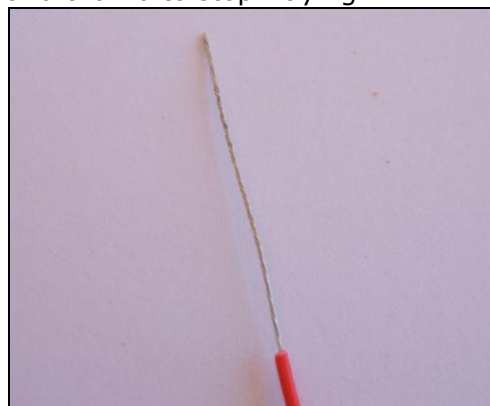
- Soldering iron and stand
- Damp sponge
- Solder wire
- Side cutters
- Pliers
- Wire strippers
- Red and black wire
- Rubber tubing
- LEDs
- LED tester



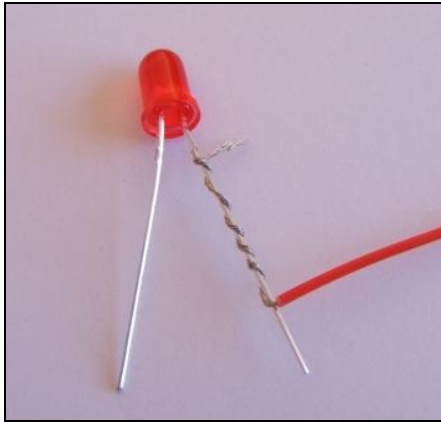
1. Strip wire using wire strippers



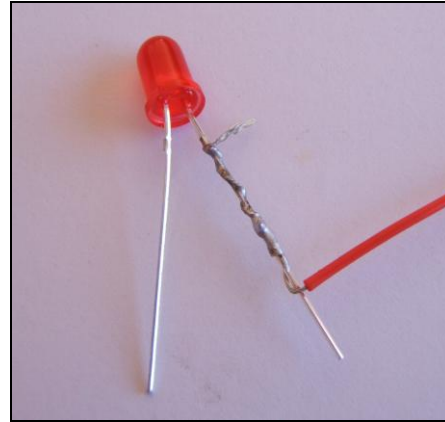
2. Twist the wire between your finger and thumb to stop fraying



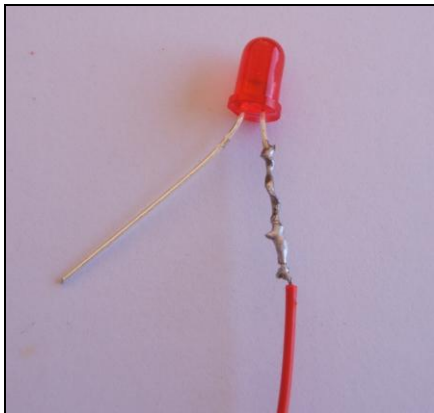
3. Wrap around the LED leg, remember the long leg, use pliers to help



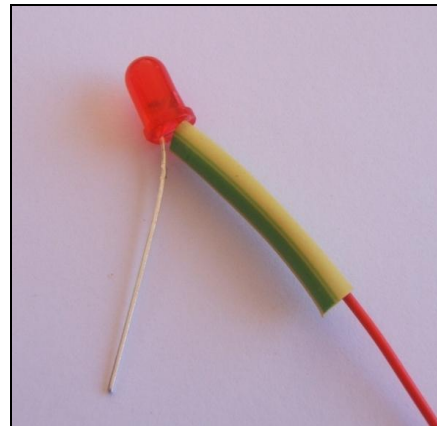
4. Solder



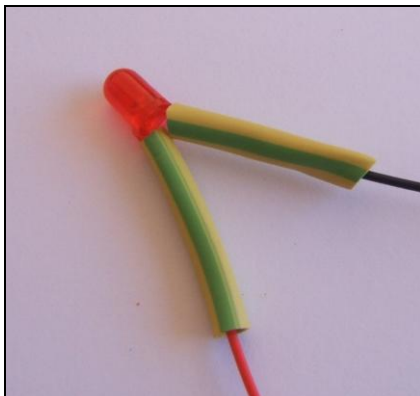
5. Trim with cutters



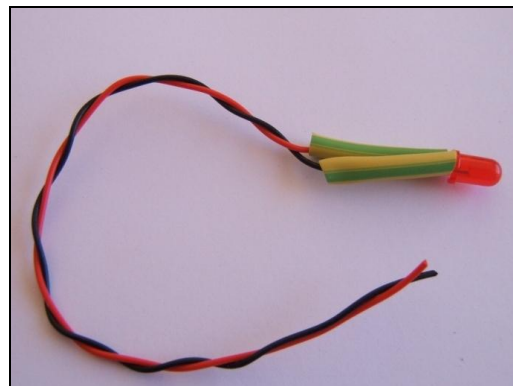
6. Cover with rubber tube



7. Repeat for other leg



8. Twist together



Tip: When you have finished wrap some masking tape around the leg and write your name on, this will avoid your LEDs getting mixed up with other peoples

Homework: Produce a storyboard that shows how to make an LED