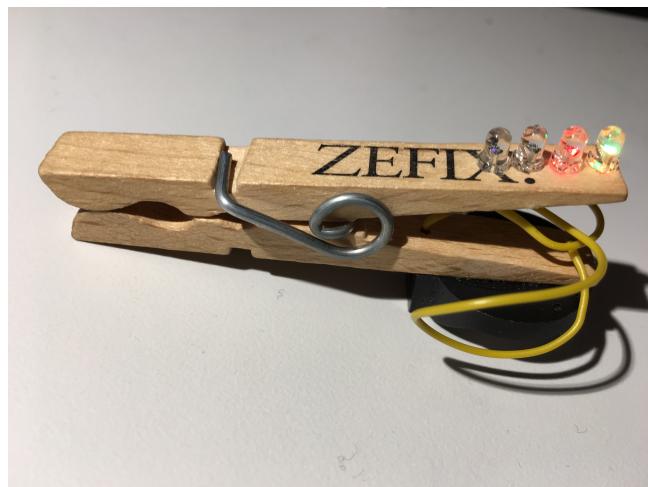


Nibble Peg



| Quantity | Name | Description | Signing/Colorcode |
|----------|---------------------------|-------------|-------------------|
| 4 | 3mm RGB flashing LED | | |
| 1 | Wooden peg | | |
| 1 | CR2032 3 V Battery | | |
| 2 | Wire (as long as the peg) | | |

Difficulty: ●○○○○

Manual v1.0 CC-BY-SA 4.0 Binary Kitchen e.V.
Idea v1.0 CC-BY-SA 4.0 Timo Schindler

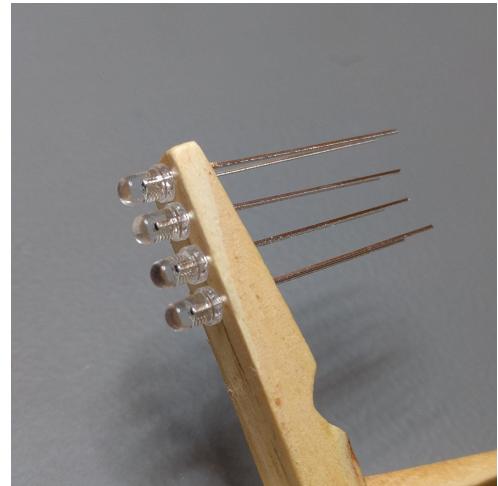
Step 1

- a) Disassemble the peg
- b) Watch your hair! The drill eats it very fast! Drill 8 holes in the peg



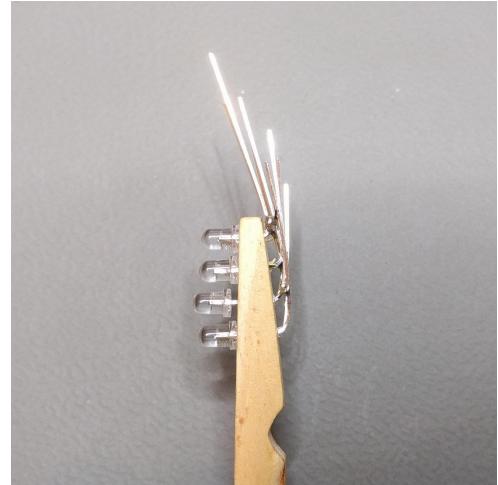
Step 2

- a) LEDs does have a direction (longer leg = pluspole, shorter leg = minuspole)
- b) Put the LEDs into the holes so that all long legs are on the same side



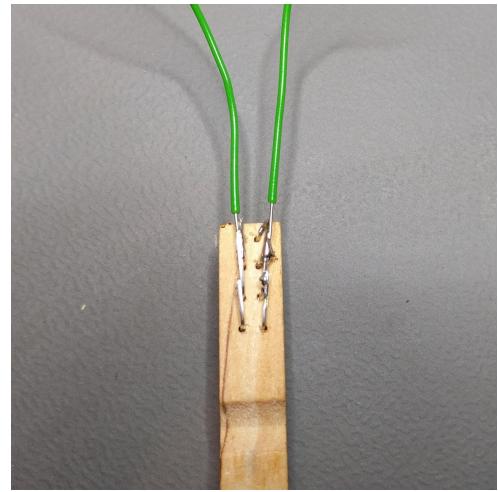
Step 3

- a) Bend all Legs of the LEDs that all long and short legs touch. Long and short legs must not touch!
- b) Solder all long and all short legs together.



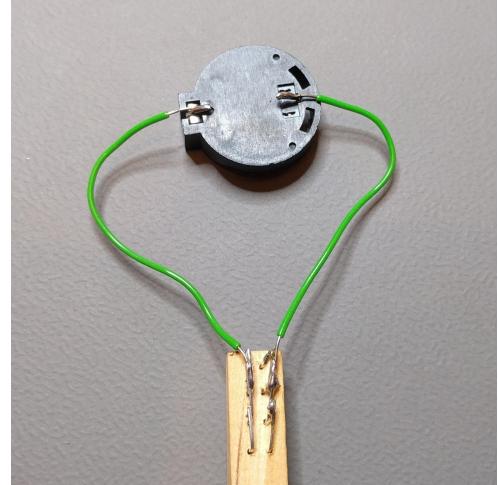
Step 4

- Remove about 10 mm insulation of both sides of the wires.
- Solder the wires to the legs.



Step 5

- Insert a battery into the battery holder (the + on the top)
- Hold the wires to the battery holder and look when the LEDs blink.
This is the direction you need to solder.
- Take out the battery! Solder the battery to the wires.



Step 6

- Reassemble the peg
- Glue the battery holder to the peg end put back the battery.

