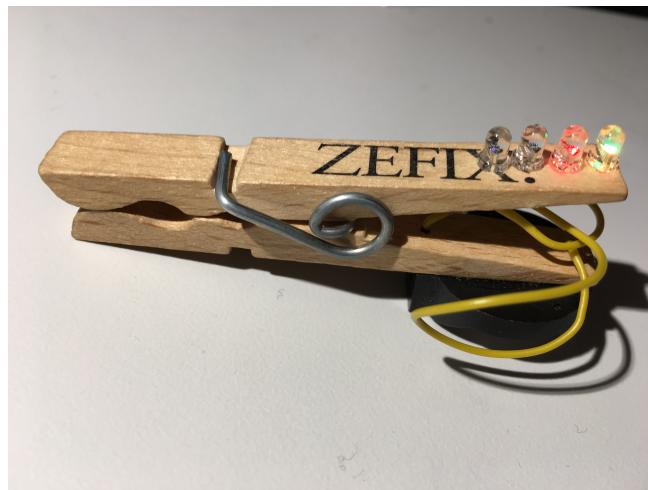


Nibble Peg



Quantity	Name	Description	Signing/Colorcode
4	3 mm RGB flashing LED		
1	Wooden peg		
1	CR2032 3 V Battery		
2	Wire (same length as peg)		

Difficulty: ●○○○○ Build-Time: 20–40 Minutes

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Idea Timo Schindler

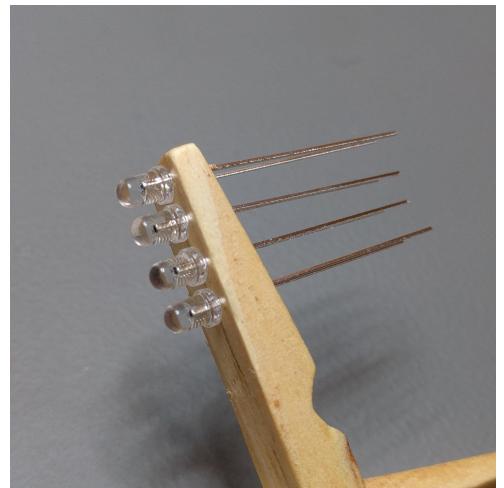
Step 1

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



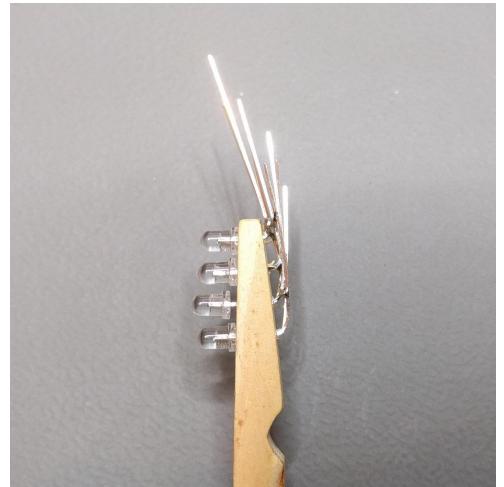
Step 2

- a) LEDs have a direction (longer leg = plus pole, shorter leg = minus pole).
- b) Stick the LEDs through the holes so that all long legs are on the same side.



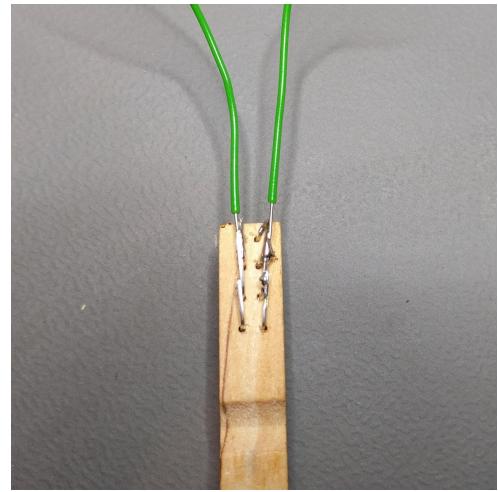
Step 3

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



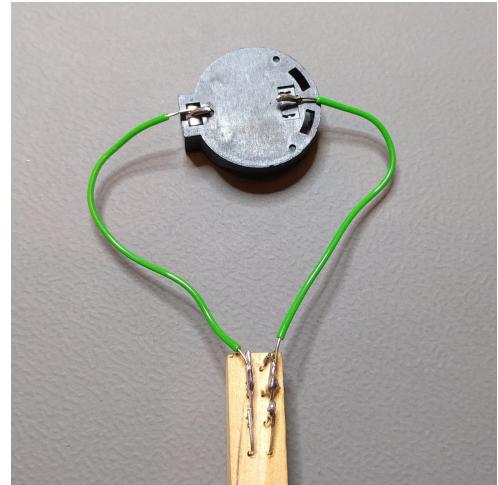
Step 4

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



Step 5

- Insert a battery into the battery holder (with + 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 and reinser the battery.

