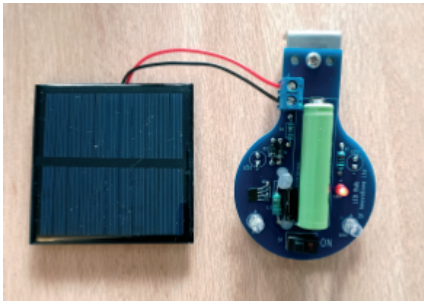
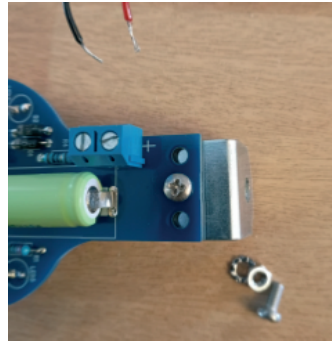


Jam Jar solar powered bulb with 4 LEDs and automatic switch



The kit consists of the solar panel, board, fixings and sticky pads. You will need a used jam jar with lid and screw driver.



Detach the solar panel and remove the nut and bolt, so that we can attach the board to the lid.



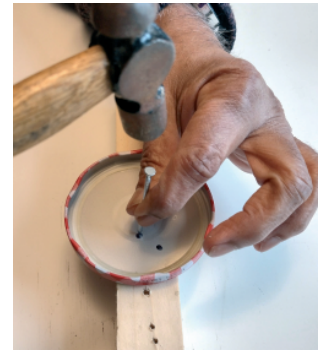
Mark out a hole on the inside of the lid to mount the board. This will be slightly off centre to keep the board in the middle.



Mark another hole for the wires from the solar panel to go through to the board.

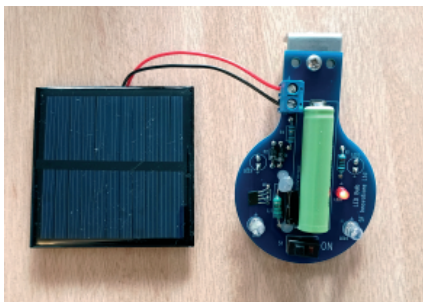


Use a drill to make the two holes.

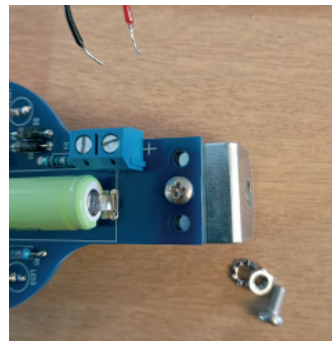


If you do not have a drill, use a nail and a hammer to make the holes.

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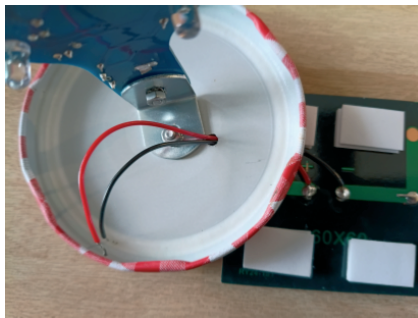
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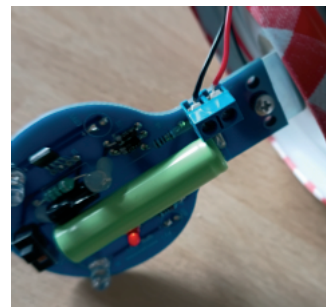
If you do not have a drill, use a nail and a hammer to make the holes.



Fix the board to the lid using the second nut and bolt.



Feed the 2 wires through the hole and fix the solar panel to the top of the lid using the sticky pads.



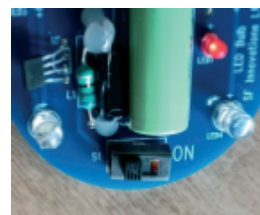
The red wire goes to the point marked + (close to the lid) and the black wire goes to the other terminal.



Pop the lid onto the bottle and leave on a window sill to charge the battery. The red LED will glow to show that the battery is charging.



Just turn the jar upside down when you want some light. Turn it back with solar panel on top to switch LEDs off.

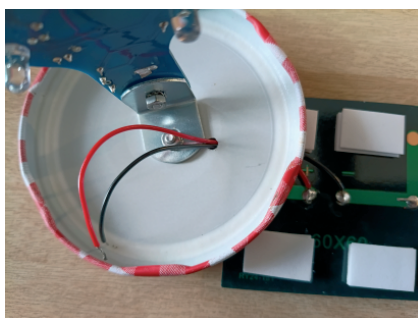


OFF - When not in use
ON - The light will come on automatically when jar is turned upside down.

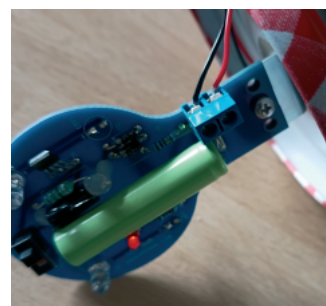
Always leave in the sun during the day to keep the battery topped up. It will take a few days of sunshine to charge the battery from empty to full.



Fix the board to the lid using the second nut and bolt.



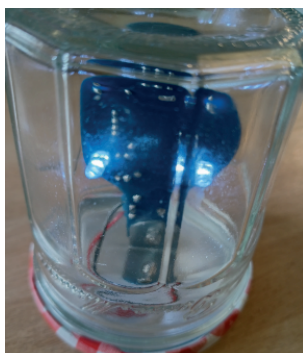
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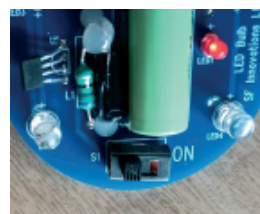
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