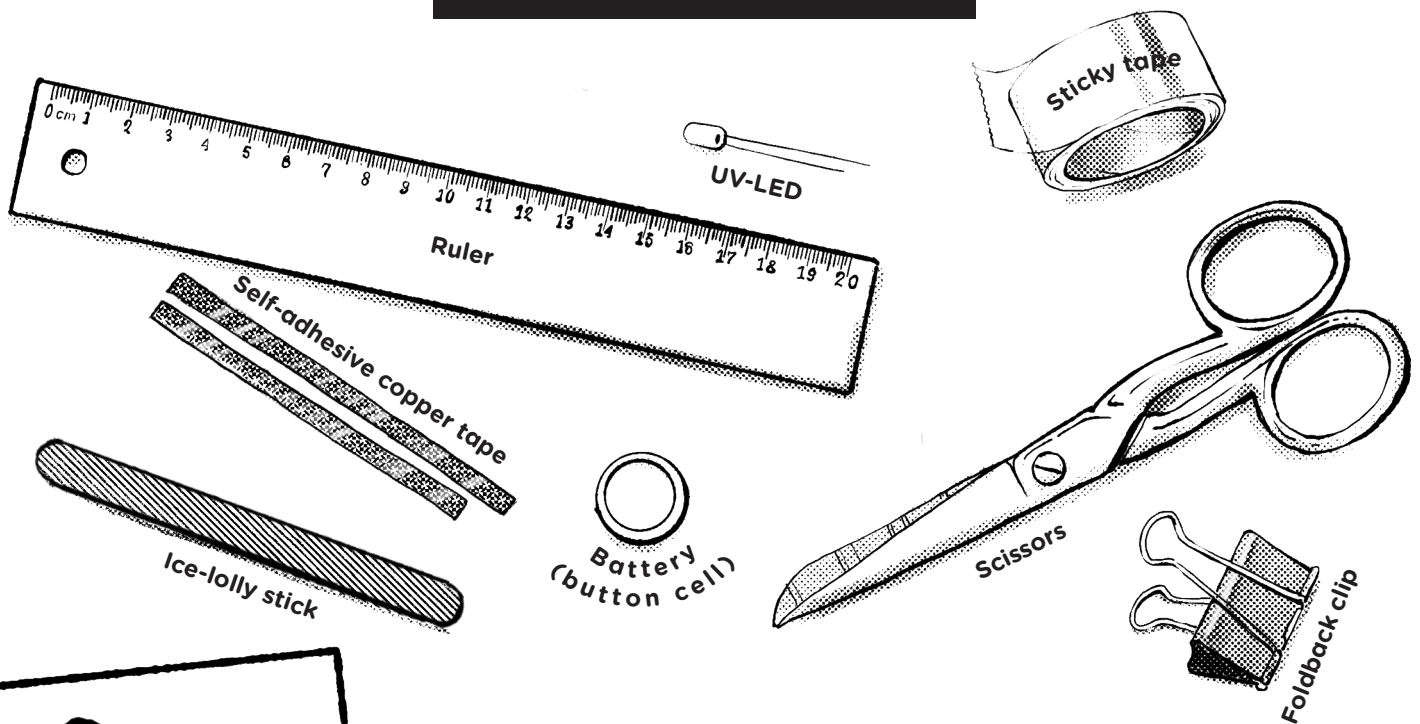


Build your own UV research light

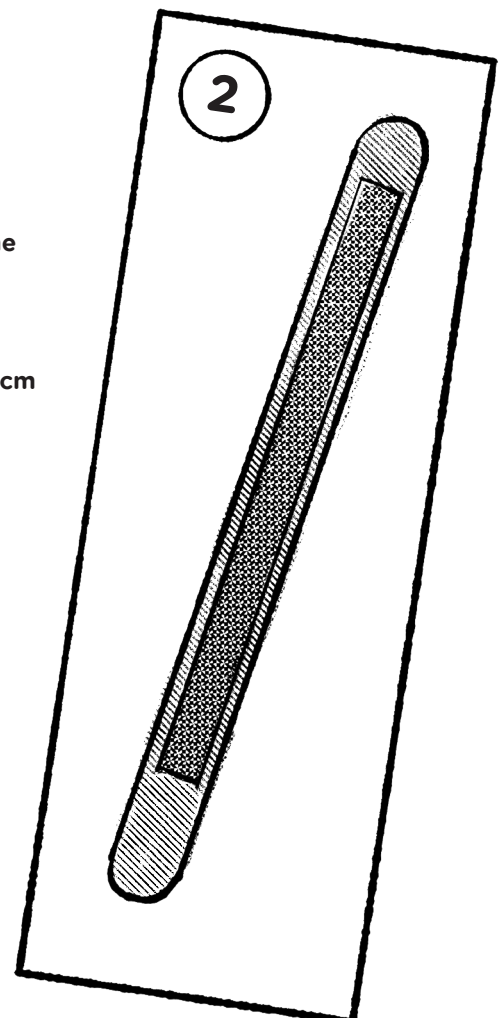
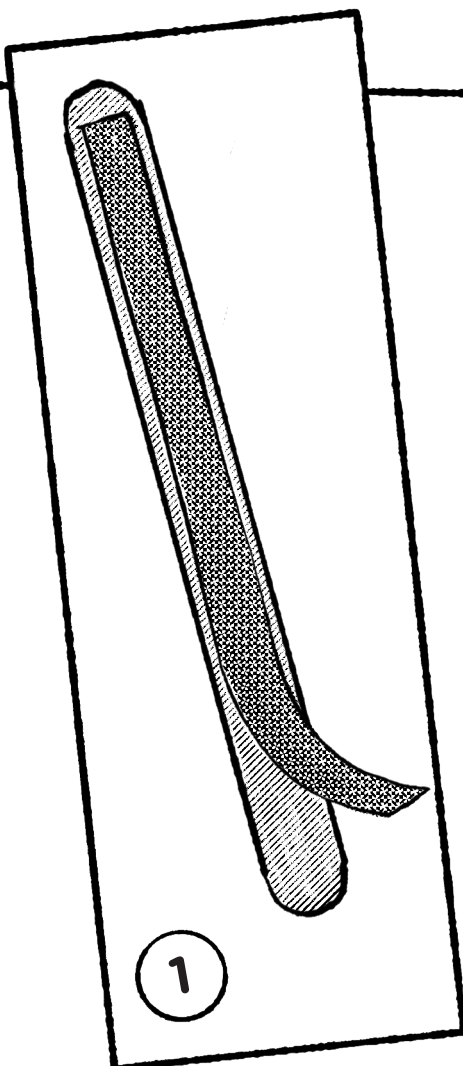
What do you need?

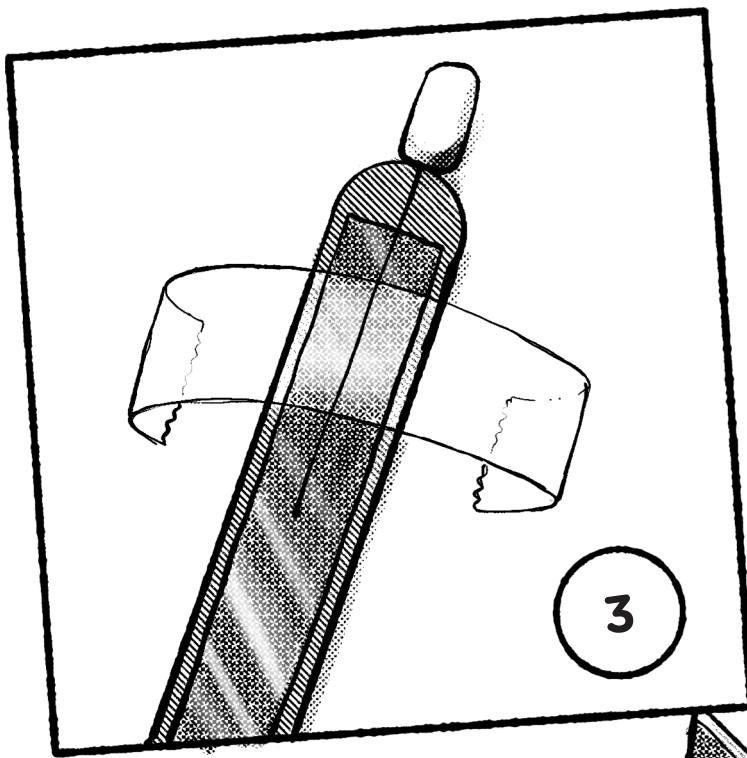


How to do it:

1. Stick a copper strip of about 10 cm in length to one side of the ice-lolly stick. Begin at one end.

2. Stick a shorter strip (about 9 cm long) to the other side. Begin at the same end of the ice-lolly stick.





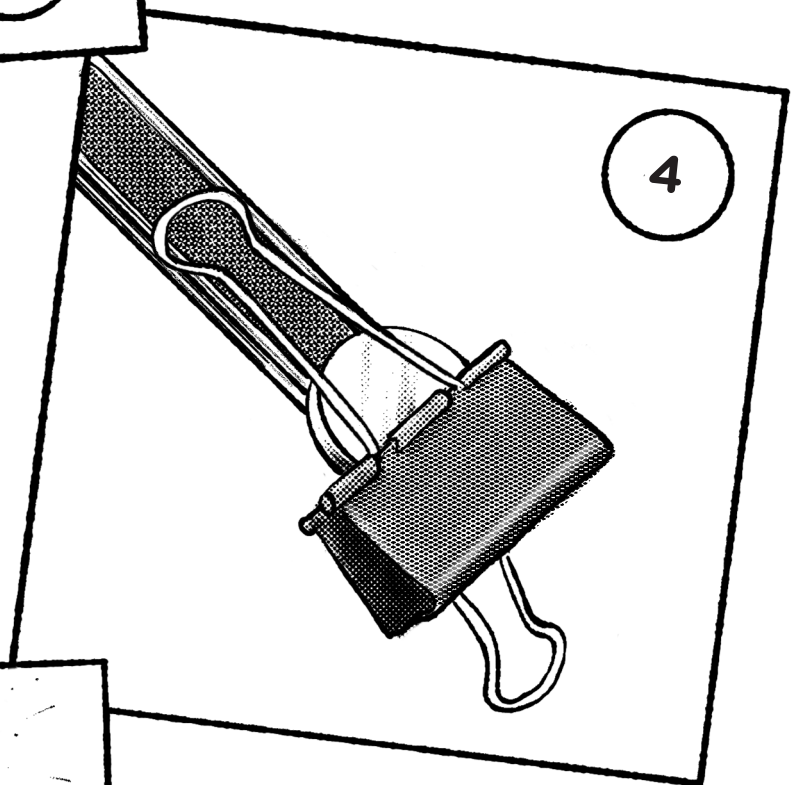
3. Fix the LED to the end of the ice-cream stick by sliding the stick between the two wires. The longer wire should be on the side with the longer strip of copper.

Use a piece of sticky tape to fix the wires in place

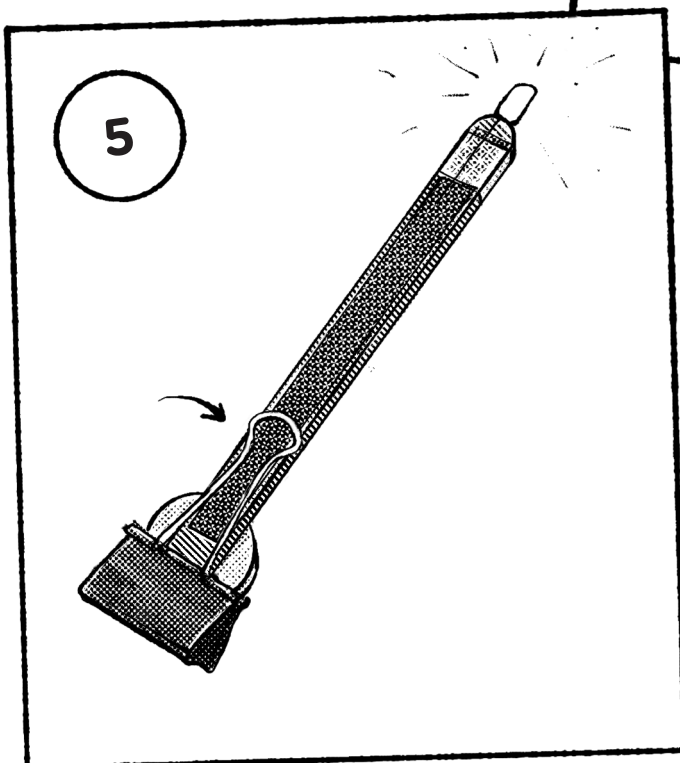
3

4. Use the foldback clip to clamp the battery to the other end of the stick, with the + side against the longer strip of copper.

You now have a switch on the other side of the stick. You can use this to turn your UV light on and off.



4



5

5. When you flip the switch (the arm of the clip), the clip touches the copper. The UV LED goes on and your light is ready to use.

Good luck with your research!