Reading Robot Light-Up Bookmarks

Materials: Robot Bookmark Template, LED light, 3V Lithium Battery, 3 strips of copper tape (approx. 3 in. or 8 cm.)

1. Decide where you want the LED light on your bookmark and (carefully) poke the LED leads through the bookmark.
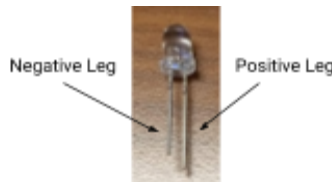
(*NOTE: Remember the bookmark needs to be able to go inside a book….)

2. Flatten the leads of the LED and label the positive & negative lead on the back (blank side) of the bookmark.

(*NOTE: The longer lead on the LED light is the positive lead, and the shorter one is the negative lead.)

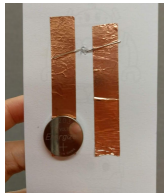Negative Leg   Positive Leg

3. Tape down a 2-3" piece of copper tape over each of the LED leads and press down on the tape to make sure it is firmly connected to the LED leads.

(*NOTE: Make sure the two tape strips do not touch each other otherwise you run the risk of short circuiting.)

4. Locate the copper tape with the negative lead and place battery negative side down on the negative tape.

(*NOTE: Flat, positive side of the battery should be facing up.)

5. Secure the battery by using a piece of clear tape on one half of the battery, but leave part of the flat, positive side of the battery exposed.
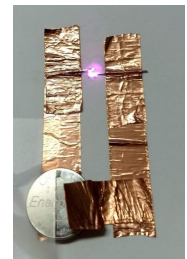

6. Create a switch.

Start with a strip of copper tape that is about 2.5" long. Take a short section of paper backing off and fold the sticky side of the tape onto itself. Leave the paper backing on the remainder of the tape (~1").
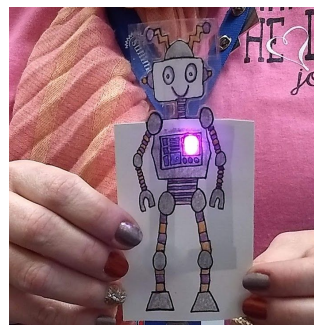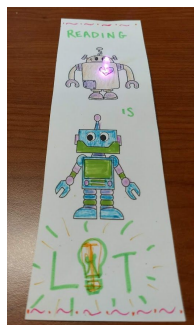
Tape Switch

Connect the sticky side of the switch to the positive copper tape path - (the one without the battery connected on it) - and complete the circuit by touching the non-sticky switch to the top/positive side of the battery.

7. Color & decorate the front side of your bookmark. (Can be done at home…)

Happy Reading with your Reading Robot Bookmark! o[^____^]o