

 PROJECT #2 PROPOSAL

**Name(s):**

**Project:**

**Part A: Brainstorming...**

* **describe your project idea(s)**

**I plan on making an electric lighter that can be recharged and make a 3d printed case for it**

* **List your learning objectives**

**Learn how much volts it take to heat up the coil that use to be used for a toaster and learn the circuit of it**

* **State the goal(s) of your project**

**to have a lighter that can be recharged and heat up and hopefully see how the case fits**

**Part B: Electronic Resources…List active hyperlinks to any relevant online resources**

[**How to make an Electric Lighter at home - YouTube**](https://www.youtube.com/watch?v=Vf1i7xlcnC0)

**Part C: Planning…**

* **Materials list [NOTE: if we do not have it, include link to purchase from Amazon.ca]**

**SCREWS, BOLTS, POPSICLE STICK, 3.7 VOLT BATTERY, A SWITCH, AND NICHROME WIRE BUT I COULDN’T GET THAT SO IM TRYING THE WIRES THAT HEAT UP IN ATOASTER**

* **Designs…Include any sketches/pictures and/or links to videos**

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