

I-Engineering

Tools to support engineering practices & identities

Electric Art Materials Recommendations

Copper tape: Make sure to buy copper tape that has conductive adhesive.

The tape we used was from: www.adafruit.com/products/1128

3V Coin batteries: We find it to be cheapest to buy the batteries in bulk online. The prices fluctuate because there are so many sellers so just do a quick search on the website. Batteries can only be shipped via group shipping so you need to plan in more time for shipping than other supplies.

Hand crank: The hand cranks electric generators we used have been discontinued, and we have not found replacements yet.

LEDs: The lights we used were 10 mm LEDs, but we have also used 3 mm LEDs in the past. The larger lights allow students to color them with markers to make them look different colors. It is useful to have students start with the same color lights because sometimes the different colored lights have different power requirements. The lights we used were from: <https://www.adafruit.com/products/846>.

