LED CIRCUIT CARDS - SUPPLY PLANNER

Fill in the following chart to plan your supplies. If you need to order supplies, check out our Tools & Tech webpage with links for online ordering & current vendors: https://www.eurekus.org/tools-tech-links

Total Number of Students or Makers: _____

CRAFT & TECH SUPPLIES	#/MAKER	TOTALS	NOTES & ORDERING RESOURCES
LED Circuit Card Templates	1		Download & print the PDF templates from the Leader Webpage. Print onto colored cardstock. Each student will need a card template and a battery pocket template.
LED Lights	1		You can use 10mm, 5mm or Blinky LED lights. You can order from Amazon. We have links for ordering options on the Tools & Tech webpage.
CR2032 Coin Cell Batteries	1		You can order from Amazon or get from a battery supplier. We have links for ordering options on the Tools & Tech webpage.
1/2" Copper Tape	2 1/2"		Cut into 1/2" x 1/2" squares and 1/2" x 2" strips. These will go onto the battery pocket. You can order from Amazon. Links are on the Tools & Tech Webpage.
1/4" Copper Tape	2 1/2"		Cut into 1/4" x 1" strips and 1/4" x 1 1/2" strips. You will use these to make your circuit. You can order from Amazon. Links are on the Tools & Tech Webpage.
1" Metal Paperclips	1		Paperclips will make a switch to turn your card on and off.
Regular Popsicle Sticks	1-3		Order from wherever you get your craft supplies.
Craft & Decorating Supplies	various		Translucent items like plastic Easter eggs and large plastic straws are great to project the light.

TOOLS FOR CLASS	NOTES: Adult Supervision Required For Tool Use
Scissors & Pencils	
Glue Stick	Use to assemble your battery pocket.
Hot Glue	We recommend setting up a hot glue station with several glue guns.
Scotch Tape (*Simple Version Only*)	Use to secure your tech for the Simple/No Solder Version, only.
Soldering Irons & Lead Free Solder (*Complex Version Only*)	Use for the Complex/Solder Version, only.
Blue Tape (*Complex Version Only*)	Blue tape is great for holding your LEDs as you solder.