

March 2021 Maker Project #3 Supply List

Let's light it up, Makers! This week we're exploring electrical circuits. We're inspired by Lewis Howard Latimer, an inventor and prolific patent holder. Mr. Latimer was the first person of color to work with Thomas Edison's Pioneers, an elite group of 100 innovators. His inventions include an early air conditioner and an improved way of making the filament essential to incandescent light bulbs.

For our enlightening project, you may have to visit your local hardware store. Supplies include:

Copper wire, 18 gauge or smaller, or test lead set with alligator clips (Amazon)

LED light diodes (Amazon or some hobby stores)

Zinc washers or galvanized nails - The metal zinc-is a critical part!

Thick copper wire (Home Depot carries 12 gauge copper grounding wire, you can cut a small piece or ask for a sample) or pennies

Lemons

Batteries of assorted sizes - whatever you have around the house!

Cardboard or thick paper

Markers, crayons, paint or colored pencils

Scissors