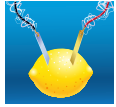


Electric Lab Experiment Tips

Read below for extra tips to help you complete your science experiments.



Lemon Lab

- Reminder: The lemons (or other foods) become inedible once you place the metal strips inside. Do NOT consume.
- Try the experiment with potatoes, apples, or two cups of flavored soda.
- Do NOT wire strips of the same metal together. The circuit will not work. Always wire copper to zinc, zinc to copper.
- Ensure the wires are connected to the metal strips securely with tape. If the wire hooks slip from the metal strips, the connection will break.
- Placing the lemons in cups helps prevent them from rolling and breaking your connection.
- Remember that the LED has both a short leg and a long leg. The long leg attaches to the copper strip and the short leg attaches to the zinc.
- If the LED doesn't light, try switching the legs.
- Try lighting the LED in a dark room to see the light better.
- Add more lemons to power the LED using the metal strips from the clock experiment.



Electric Balloon

- If the balloon isn't picking up the tissue paper, try another fabric: Wool, silk, polyester, nylon, and rayon are known to create static.
- Try charging the balloon for longer by rubbing it for 15-30 seconds. Be careful not to pop the balloon.
- Try creating your own paper shapes like: a snake, a bird, or even a spooky ghost.