



Now to the science stuff!

All technology runs on electricity. Can you make your own electric circuit? You can find an adult to help you.

You will need:

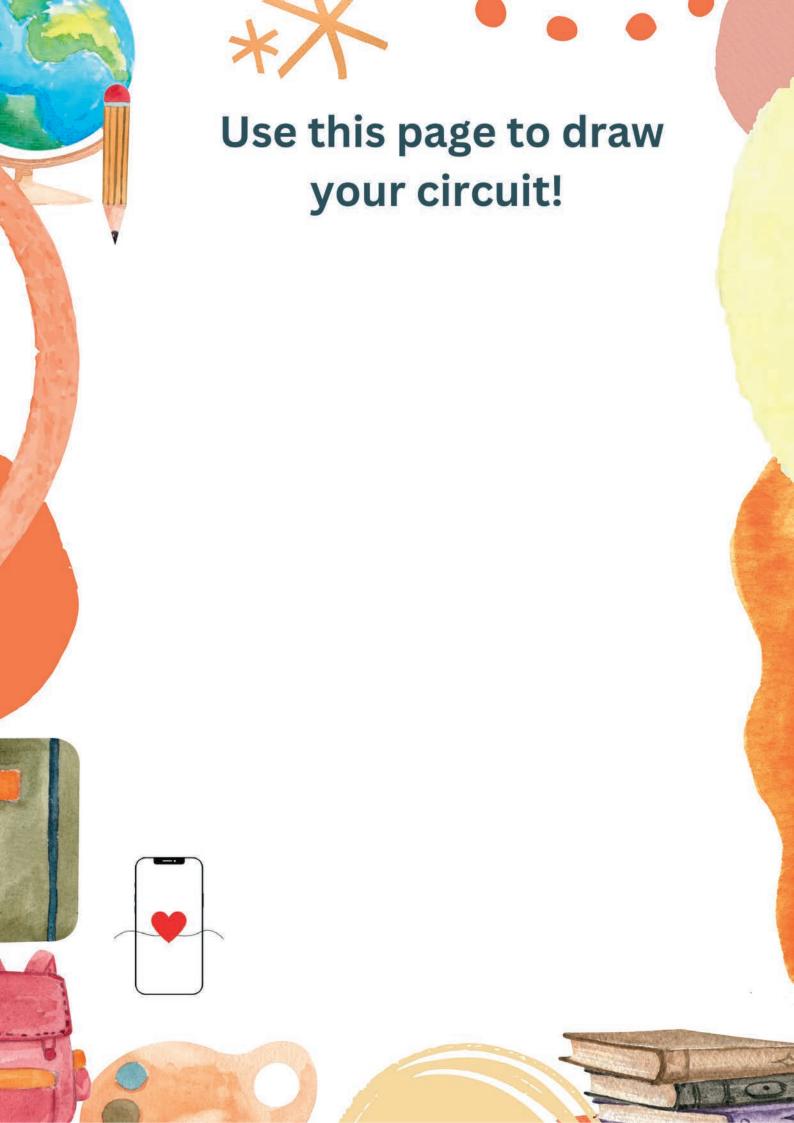
- · A graphite pencil
- A small LED
- A 9V battery
- Clear tape

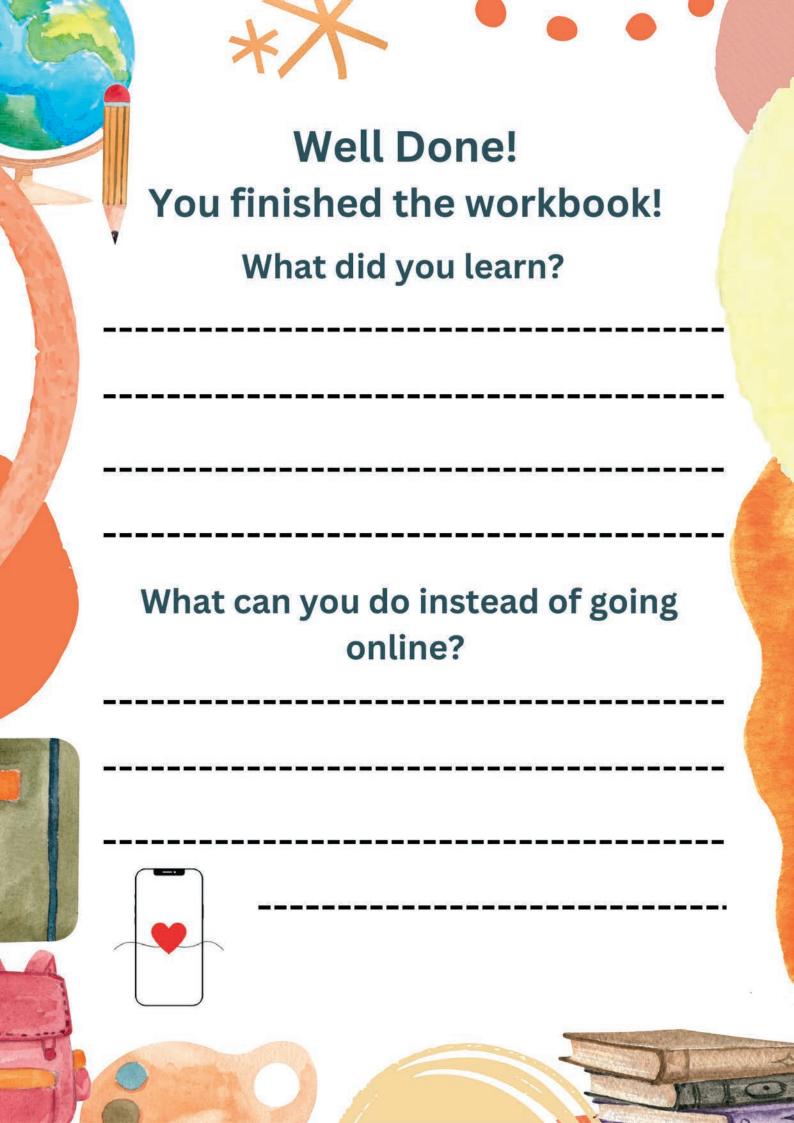
How does it work?

Electricity uses graphite to move around the circuit. It flows from the battery to the LED, lighting it up!

Method:

- Use the pencil to draw a small square on the paper, with a gap at the top and at the bottom. Make sure the lines are thick!
- Attach the LED legs to one of the gaps in the square using tape.
- Place the battery over the second gap. The positive side of the batter should face the positive leg of the LED.
 - Watch the LED light up!











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