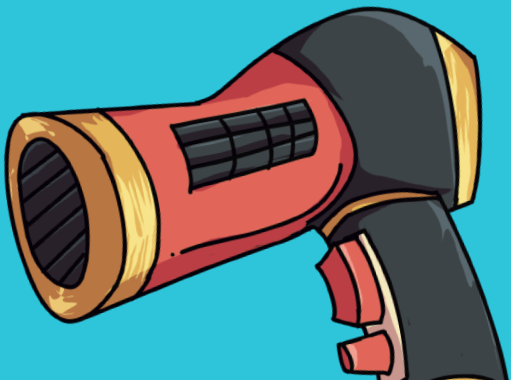
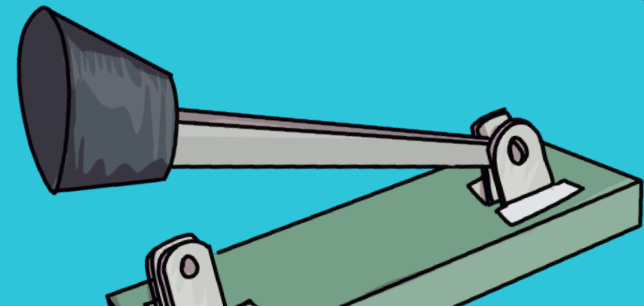


Electricity

LO – I can identify if a bulb will light up in a circuit.

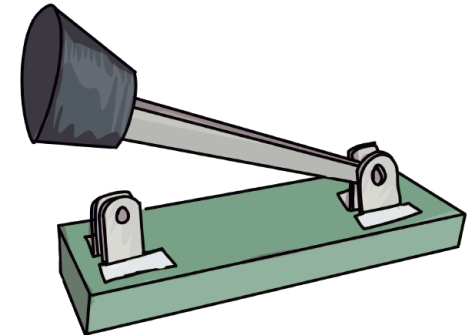
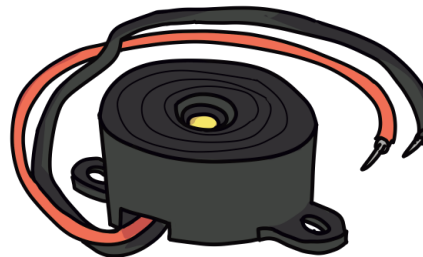
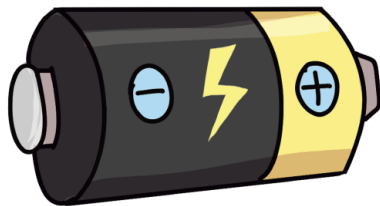
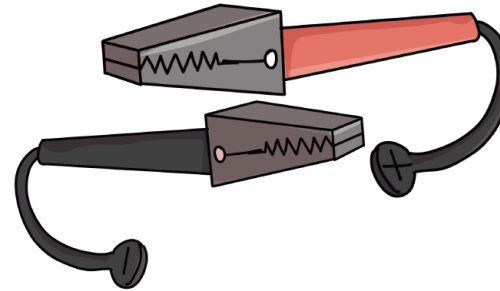
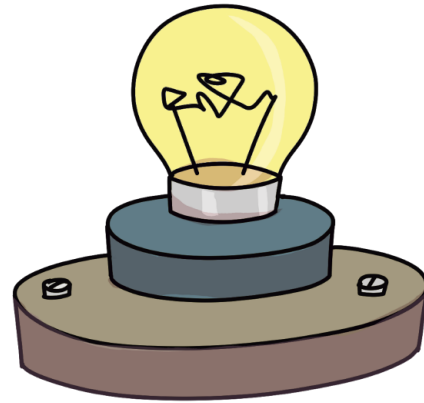
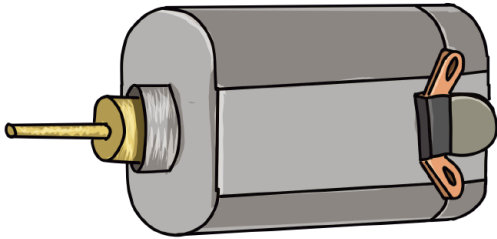


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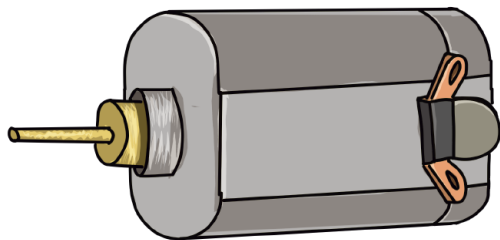


Components

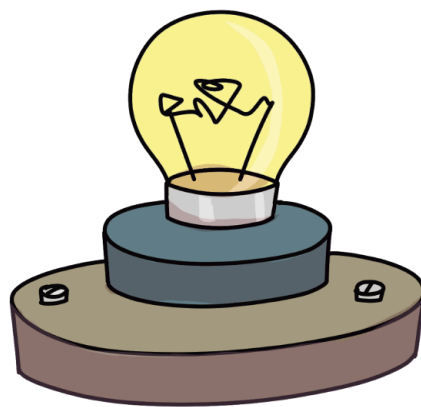
Can you name any of these electrical components?



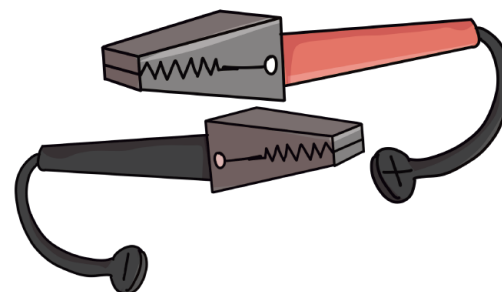
Components



Motor



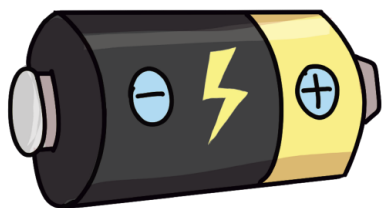
Bulb



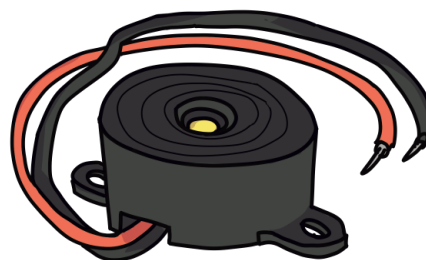
Crocodile Clips



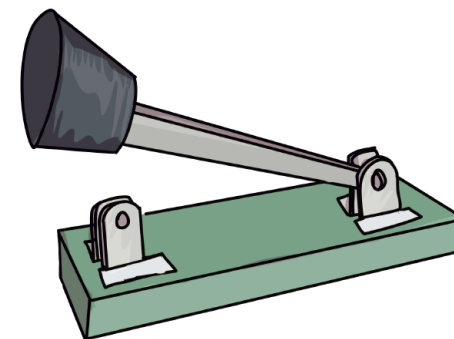
Wires



Battery or cell



Buzzer



Switch



Circuits

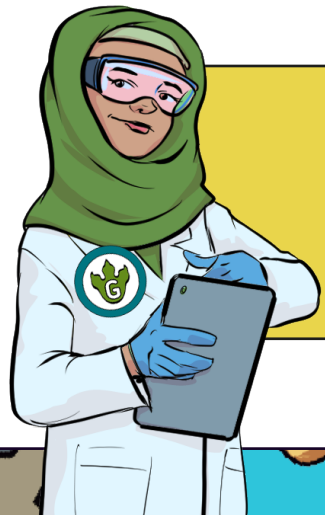
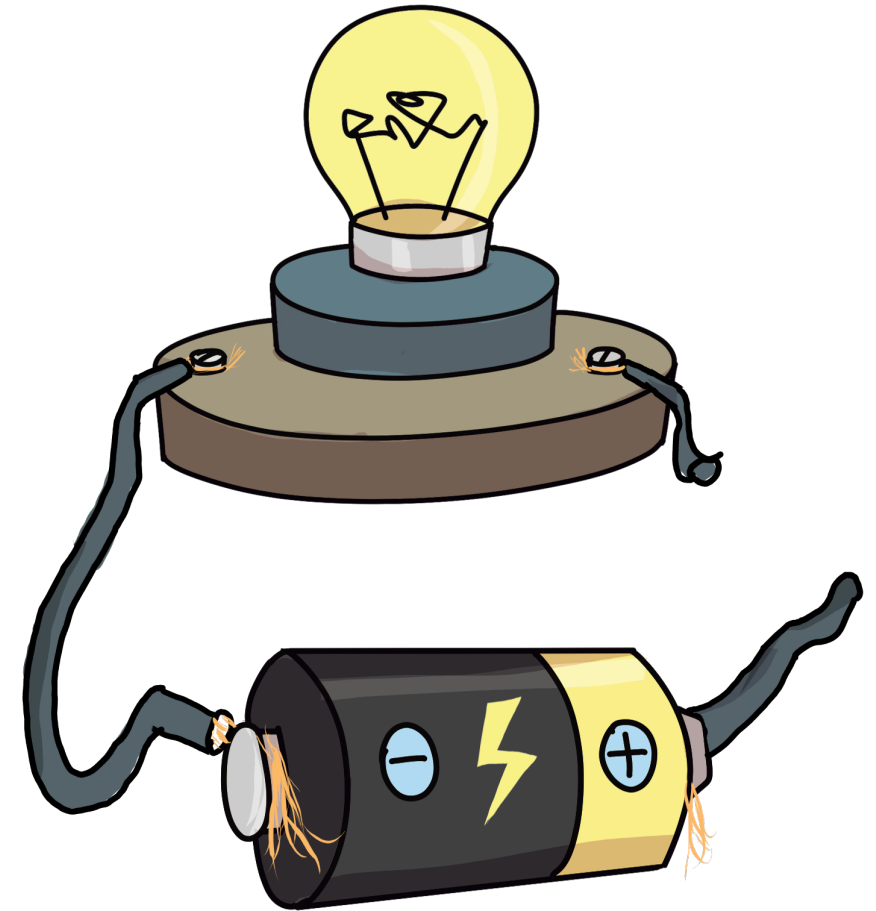
Sometimes when we make a circuit, it **doesn't work**.

This might be because some of our equipment is **faulty or broken**.

It could also be because we have **not included** all the **correct equipment!**

If a circuit works, it is described as a **complete circuit**.

If a circuit doesn't work, it is described as an **incomplete circuit**.



Look at this circuit.

Will it work? Why/Why not?



Mini task

4



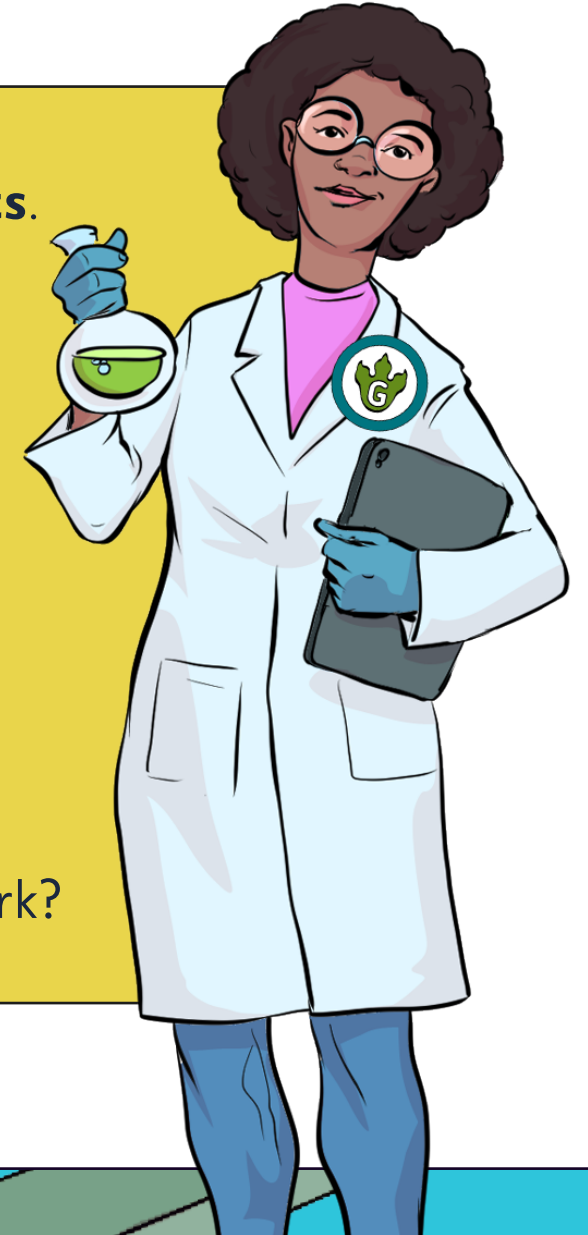
1. Using the equipment on your tables, make **two circuits**.

One of your circuits **should work** and the other circuit **shouldn't**.

2. Take a **photo** of the two circuits.

3. Put all the **photographs together** on your table.

4. Can **other children** say why your circuit does not work?



Activity

5

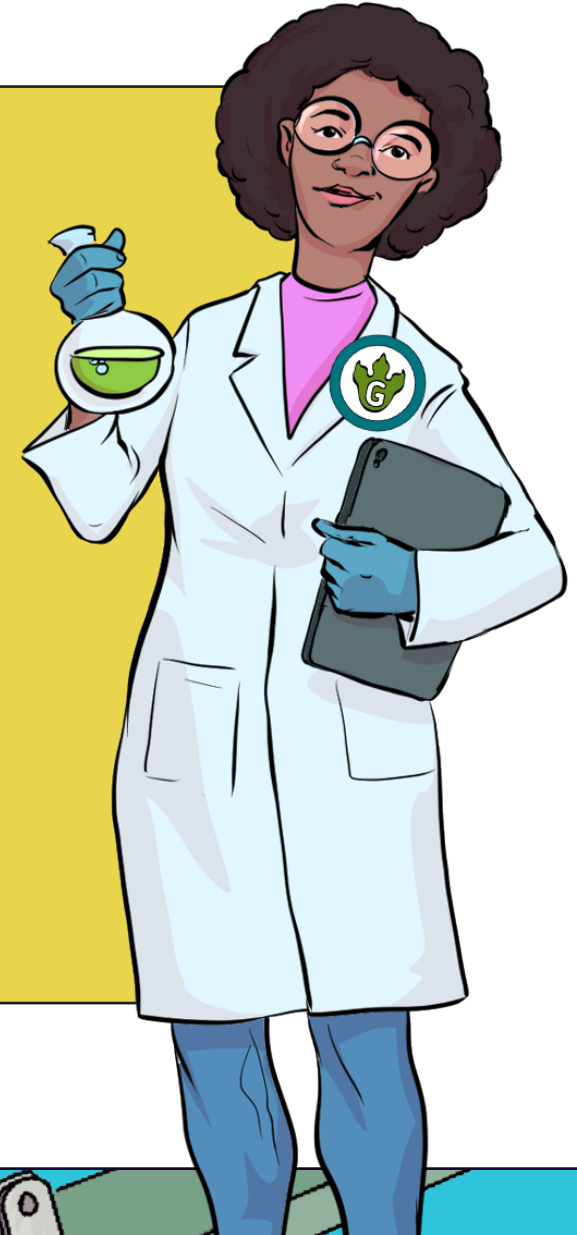


Congratulations!

You are now **expert circuit makers!**

On the sheet in front of you, there are lots of different **circuits**.

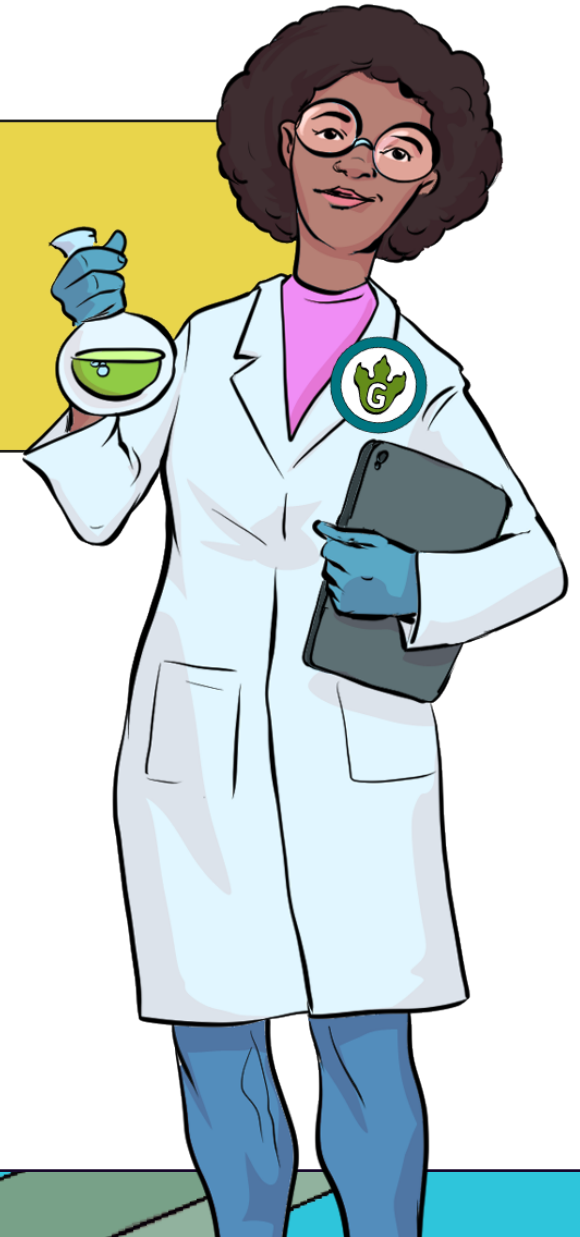
You need to tell me if the circuit **will work or not**. Don't forget to **explain** your answer!



Recap Quiz



1. What **equipment** do we need to make a **circuit** that **lights up a bulb**?

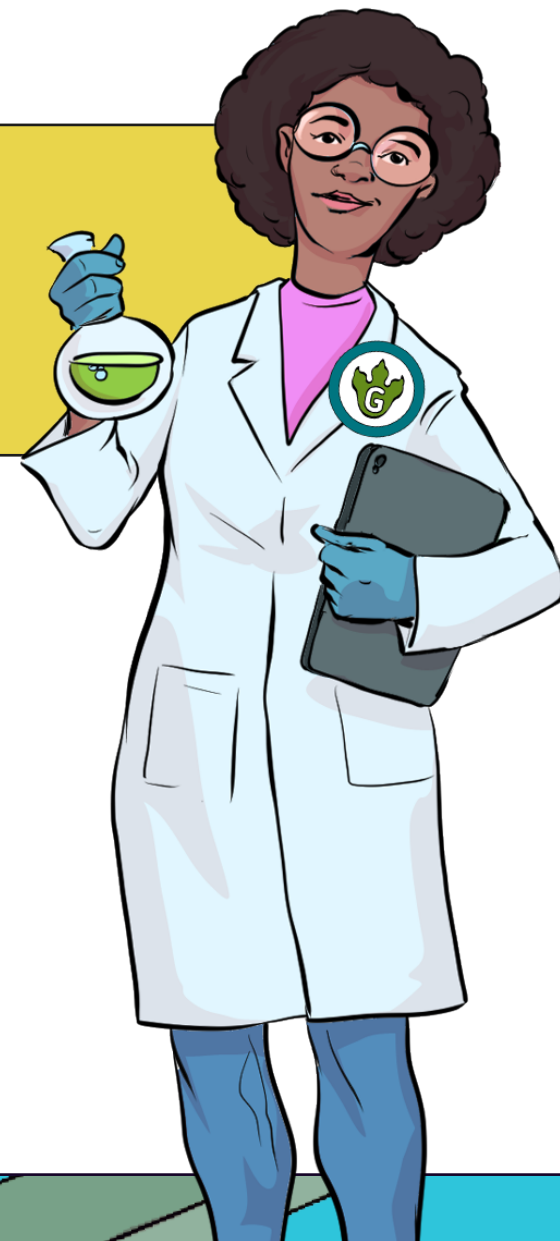
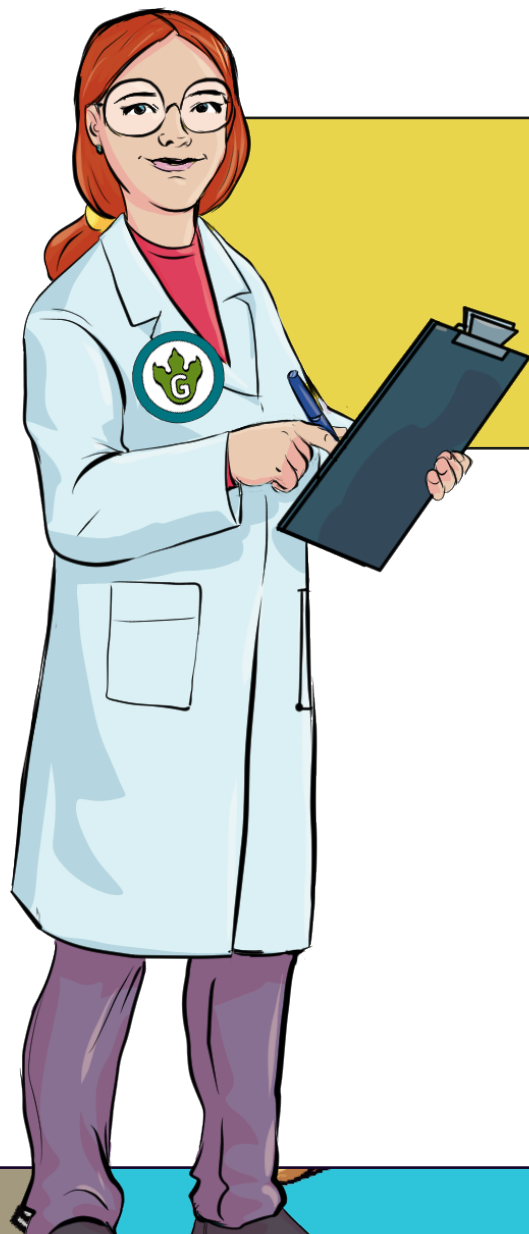


Recap Quiz

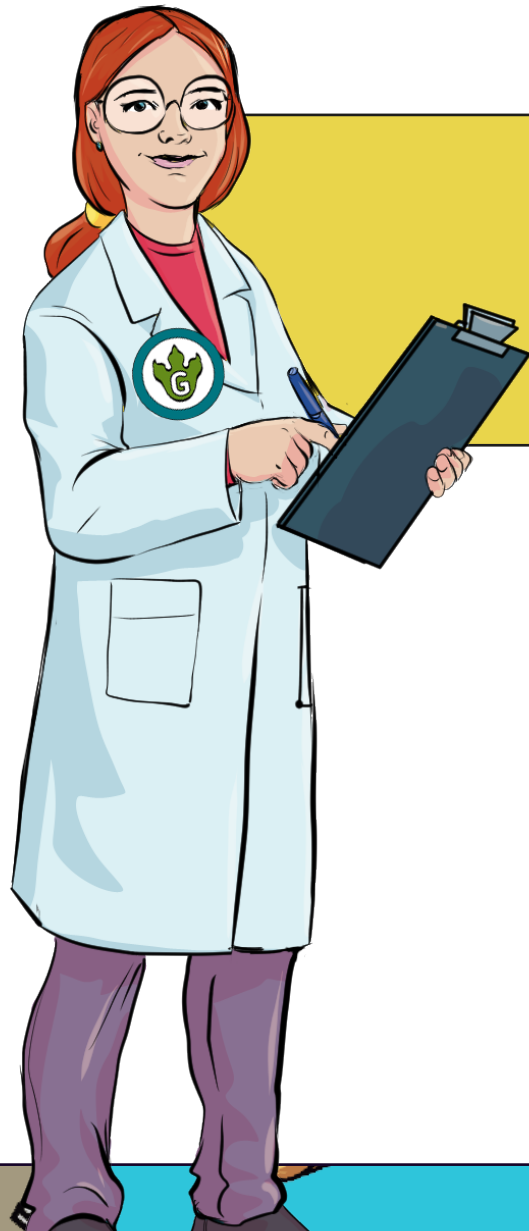
7

1. What **equipment** do we need to make a **circuit** that **lights up a bulb**?

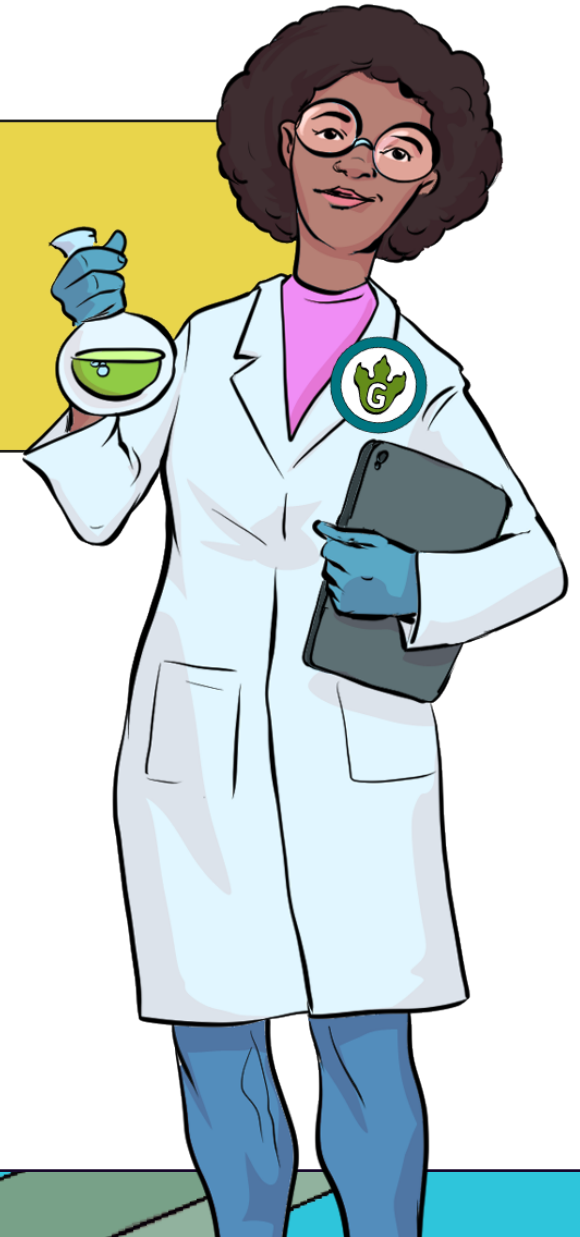
Battery (and holder), **2 wires**, **bulb** (and holder)



Recap Quiz



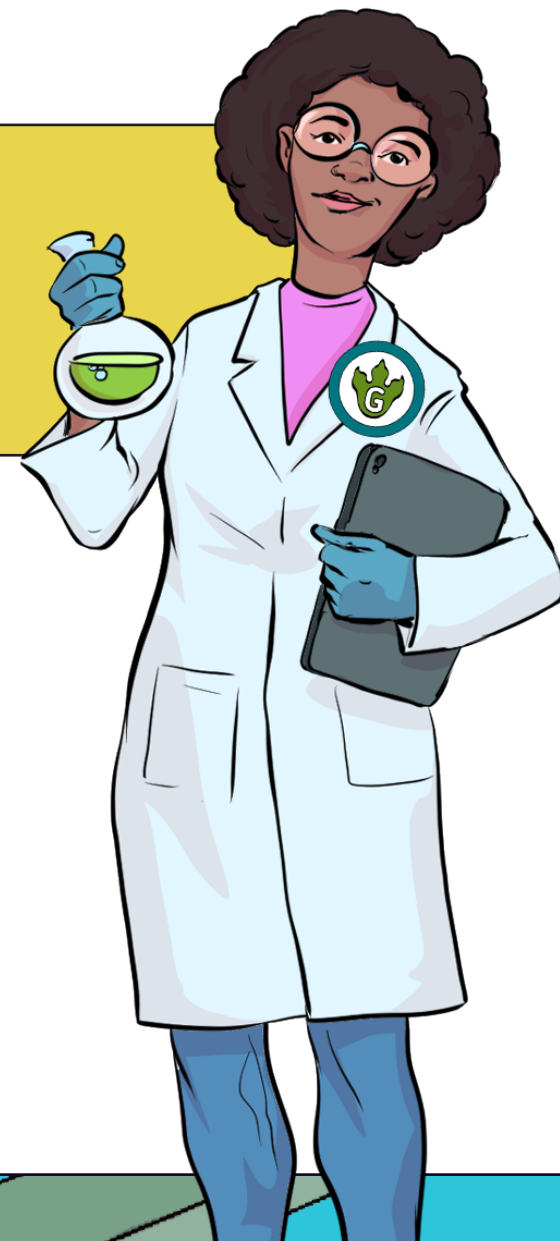
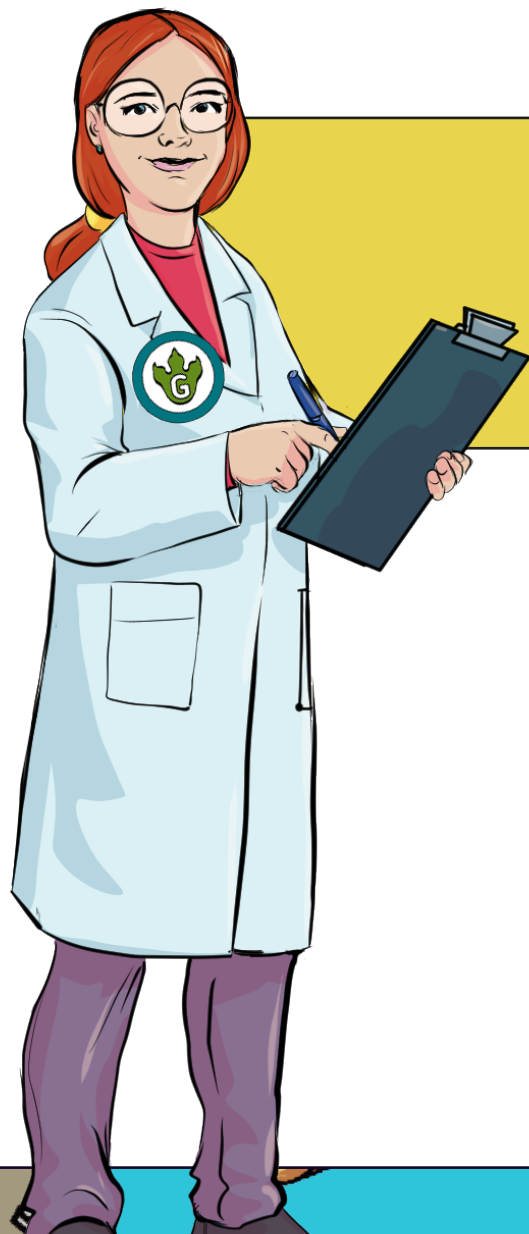
2. I make a circuit using a **buzzer**,
3 wires and a **battery holder**.
Will my buzzer buzz?



Recap Quiz

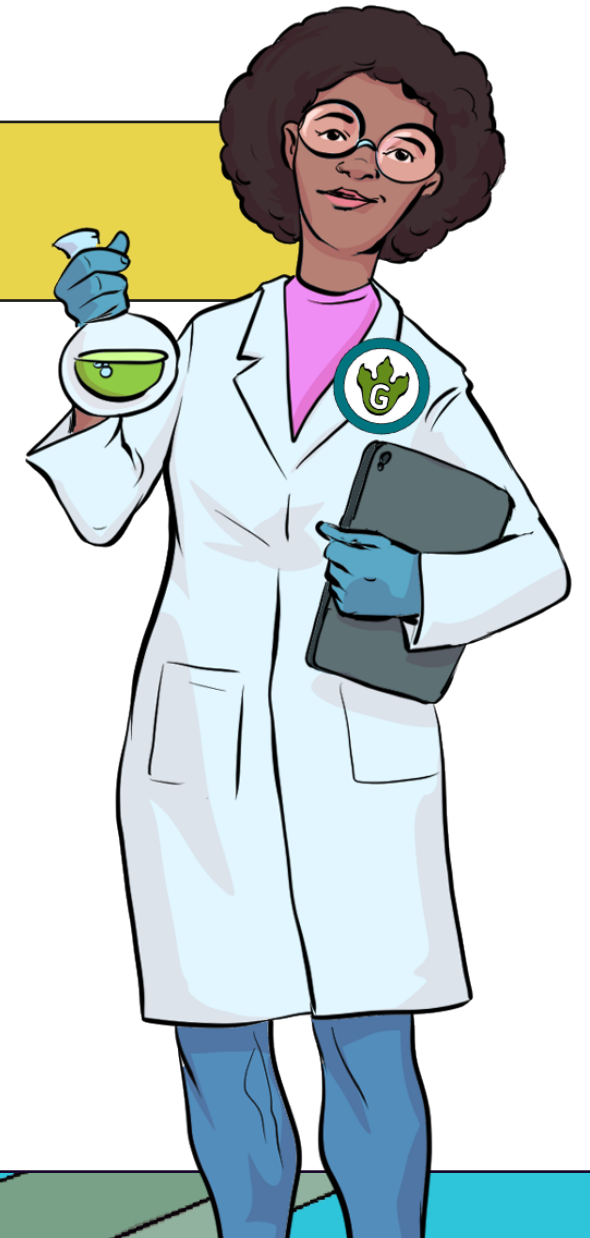
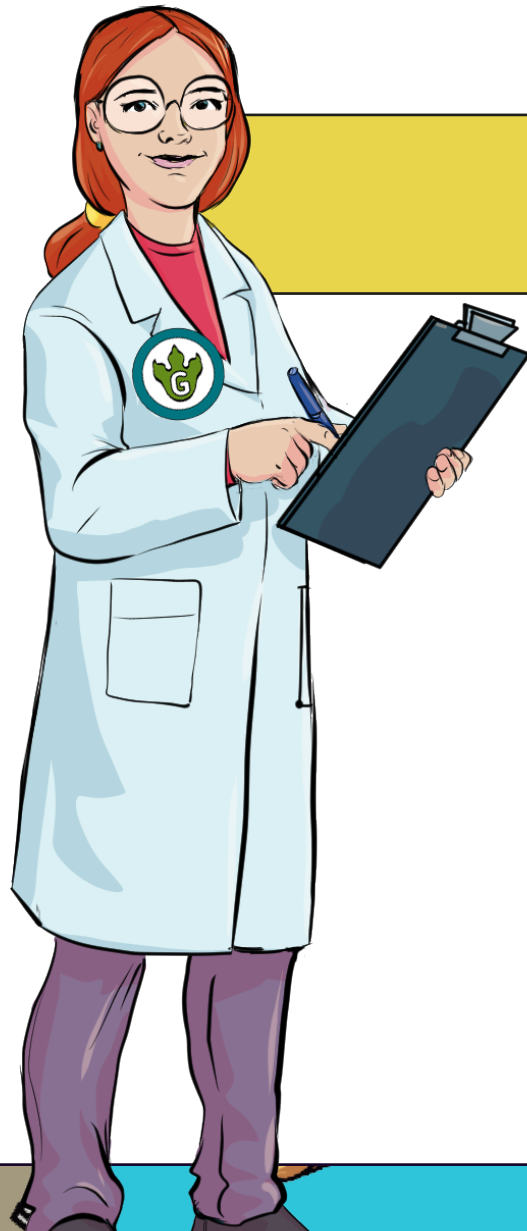
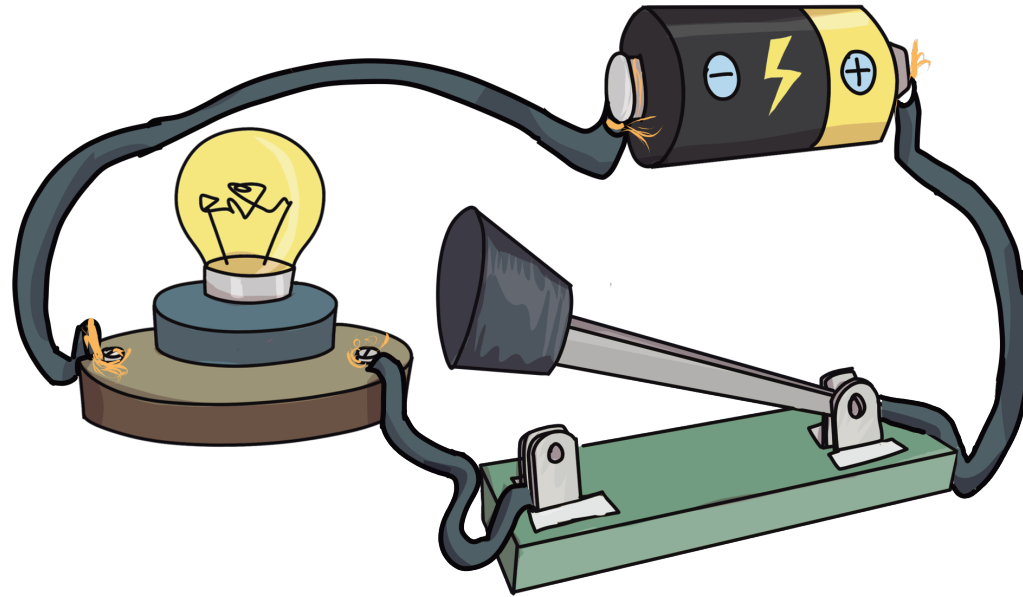
2. I make a circuit using a **buzzer**,
3 wires and a **battery holder**.
Will my buzzer buzz?

No, because you
haven't used a **battery**!



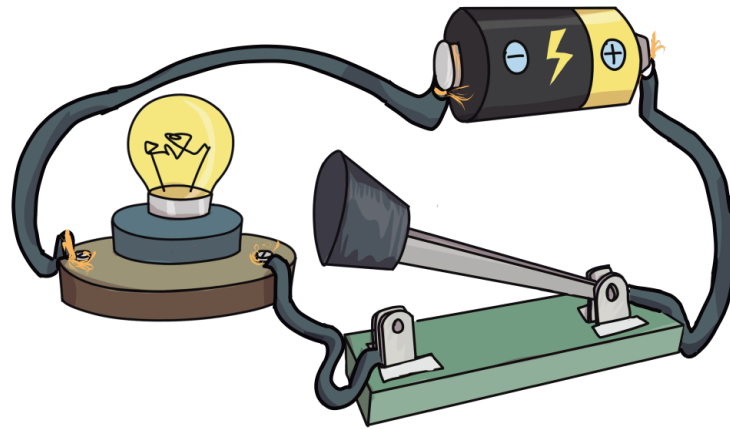
Recap Quiz

3. Will this circuit **work**?



Recap Quiz

3. Will this circuit **work**?



No, because the **switch** is in the **off position** meaning the **electricity cannot flow** through the circuit!

