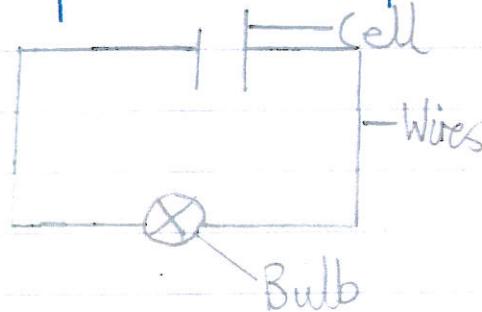


Friday 1st December

L.O. To investigate electrical circuits.

① Built a simple circuit.

Have you ever wanted to see what it is like to make a simple circuit? Well I'm going to show you. Firstly we got all the things we needed wires, bulbs, bulb holders, ~~wires~~ and crocodile clips. We attached the crocodile clips to the bulb holder and put the bulb in then we attached the crocodile clips the cell so that it would let it light up. The wires helped the circuit all connect.



② Tested different types metal.

Then we added lots of different metals. They were zinc, copper, gold, aluminium, steel, silver and brass. We added them to the circuit to see if it would affect the circuit.

③ The length of the wires.

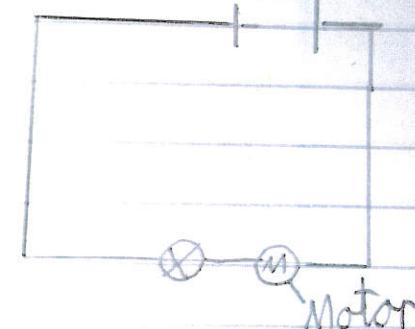
After that we tested to see if the length of wires effected the lightbulb. We added lots and lots of wires and we noticed that the lightbulb started to dim.

④ Some people

⑤ Added a fan.

Some people decided they wanted a motor a motor is a fan and for this reason it made the light

the cell
dimmer because it had to share between the motor and the lightbulb.



⑥ Added more bulbs.

When we added more bulbs the lightbulb faded because it had to share but then we decided on by adding more ~~more~~ cells it would make the light brighter.

⑦ Added more cells.

Next we added more cells so therefore it made the light ~~slight~~ shine brighter and the fan go faster.

⑧ Made a switch.

A switch is made from cardboard a paper clip and some pins. Also you need cells and wires so when you touch the pins and paperclips together the bulb will light up.

