

Science: Week beginning- Monday 11th May 2020

This term our topic for science is Electricity, with our focus being on circuits and how they work.

This science lesson:

You will need to research circuits and how they work.

Then using the information, you have gathered, you will need to write a paragraph about:

Why circuits are useful?

What happens to a circuit when it is not wired properly?

How and why switches are used in a circuit?

Finally, you will need to draw two circuits (in your books) using the correct signs of a circuit. One should be a circuit that would work and one that would not. Then you will need to explain why they work or do not work.

Remember to use a ruler!

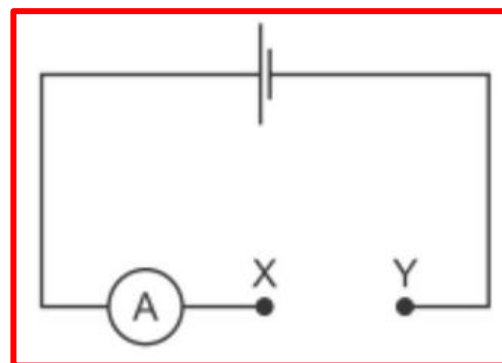
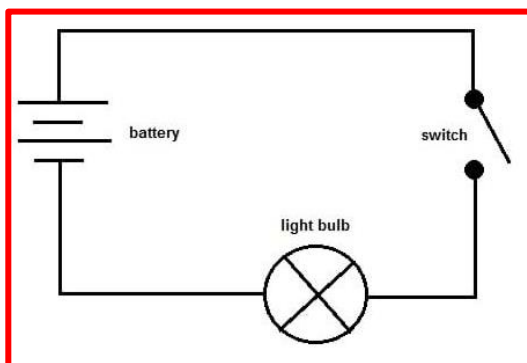
Need help?

Here is a useful website for you to go on:

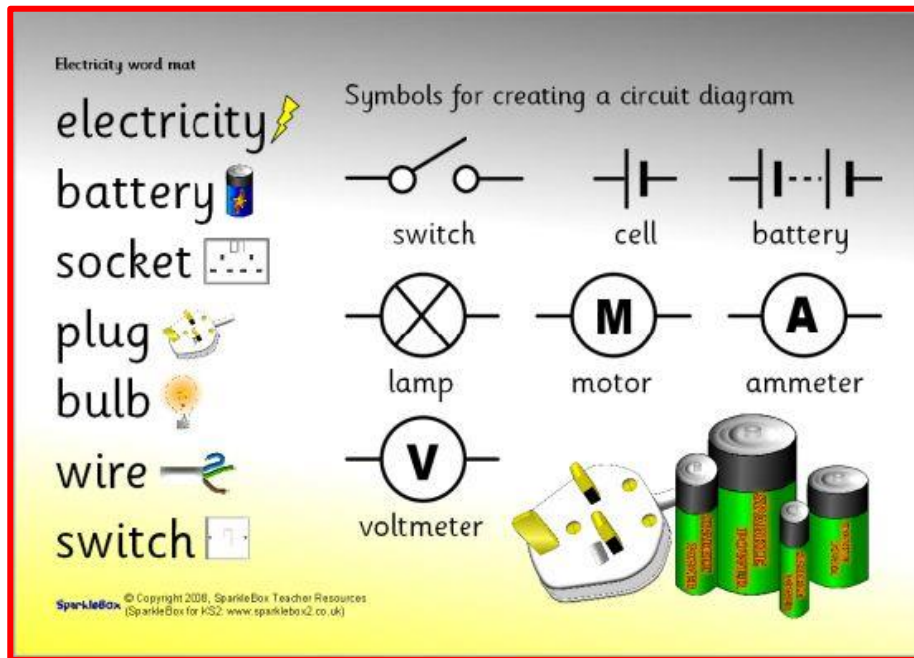
<https://www.bbc.co.uk/bitesize/topics/zj44jxs> (Hold ctrl on keyboard and click on link to open)

This diagram shows a completed and an incomplete circuit.

Can you see how they are complete and incomplete?



What would need to happen in the complete circuit in order for the light bulb to shine?



Key vocabulary: Flow, electricity, cell, bulb, wires, conductor, insulator, wires, circuits

Sentence starters:

Circuits are....

Conductors and insulators....

A circuit needs....

Switches are useful in a circuit because....