

Year 4 Science- Monday

Electricity



This half term, we're going to be learning about electricity and how it works!

You'll be focussing on the electrical components within your house.

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Electricity hunt

Task 1

Walk around your house and list 10 different electrical items in your book. Try and pick objects that do very different jobs!

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Electricity hunt

What do you notice about all of these electrical objects?

What do they all have in common?

Are there any differences in how they work?

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Electricity hunt

What different parts of this object can you see?

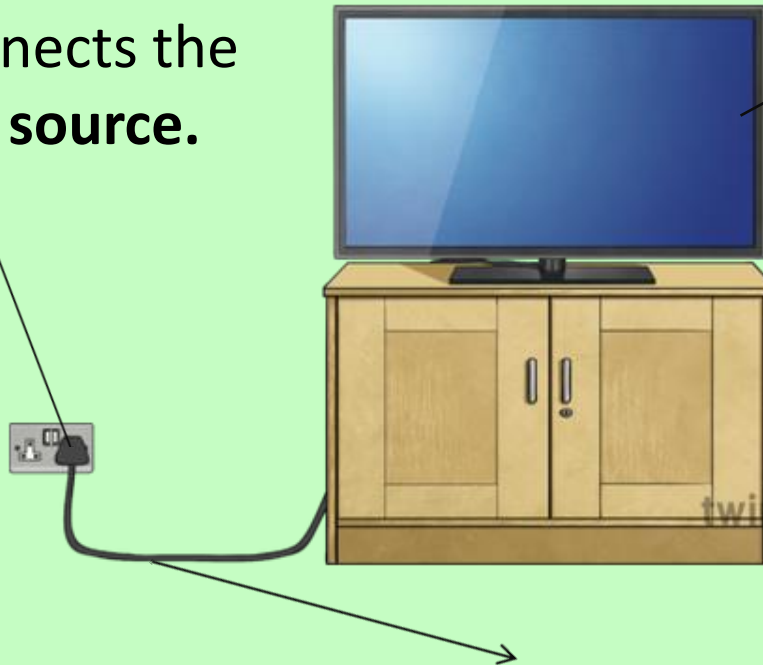


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The socket is the power **source**, which is where the power comes from. The plug connects the **wire** to the **source**.



Here, the television is the main **component**

The **Wire** transports the electricity from the **source** to the **component**.

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Here is a mobile phone.

How does this work if it is not always plugged in?

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Some electrical items like this have a **battery**. This is the component's **power source**. The battery stores electricity to power the component once it is charged.

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Electricity hunt

Answer the following questions in your book:

What electrical objects in your home could you live without?

What would you have to do without some of these objects e.g no washing machine?

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Tomorrow, we will be having an electricity quiz!