

Lesson 3



Power Me Up

Electricity

Imagine yourself living during the time when Mother Earth was so young. There were no cars, no televisions, no radios and no pollutions around. Why was that? It was because electricity was not yet discovered at that time.



Look at the picture above. Do you think people before could do the things shown below?



Lesson 3

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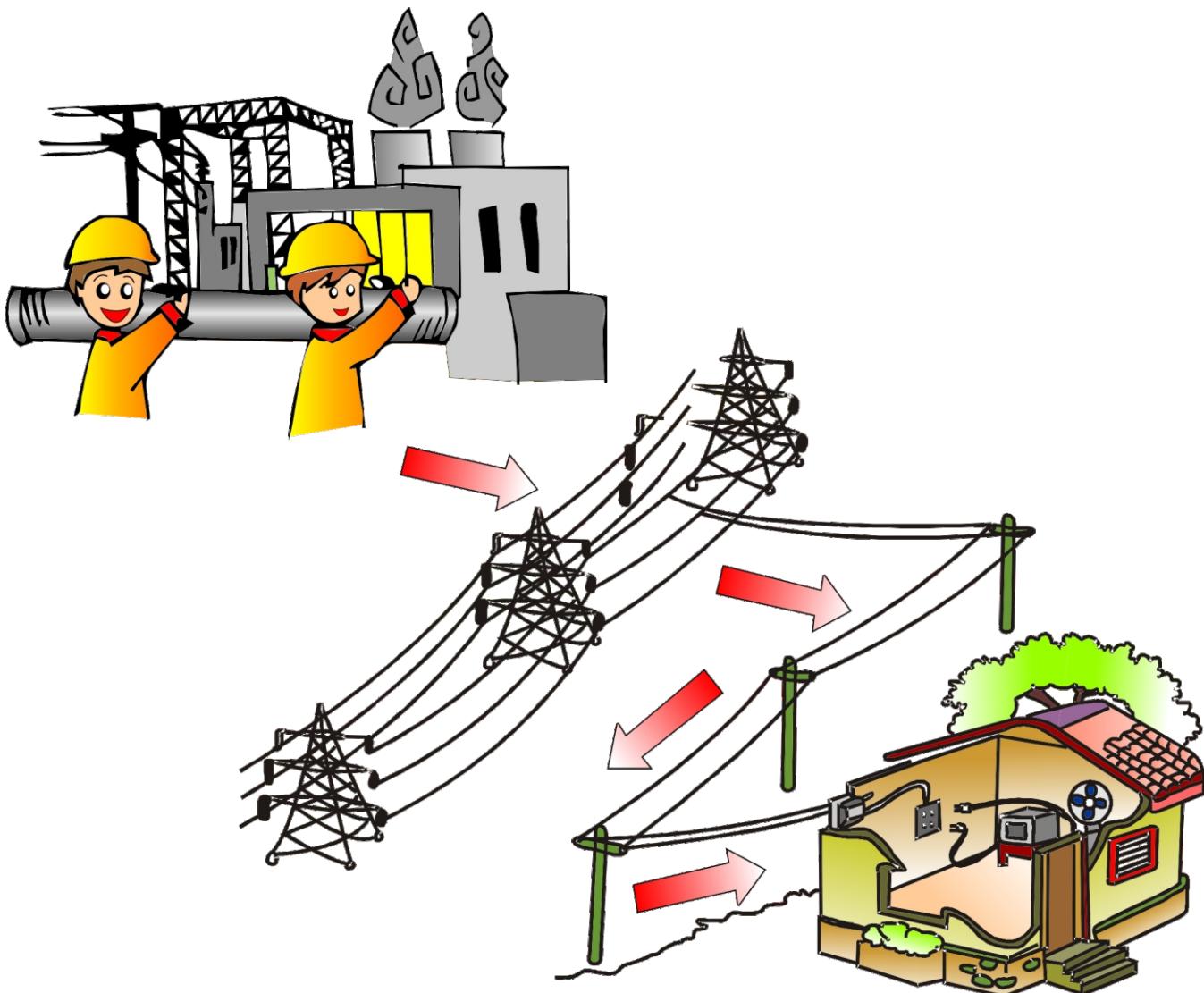
Electricity

Electricity gives power to the electronic devices you use. Without electricity, electronic devices are not useful. They will not function and perform tasks.

Without electricity, it will be very dark around us when the evening comes.

Have you ever wondered where does electricity come from?

Electricity comes from a power plant. It flows through the power lines until it reaches our homes.



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There are times that electricity fails to flow into our homes. If there is no electricity that flows from the power source to the power lines, there is **power failure** or simply **brownout** or **blackout**.



When there is power failure, electronic devices do not work. Usually, power failure happens when there are typhoon, fire and other nature destructions.



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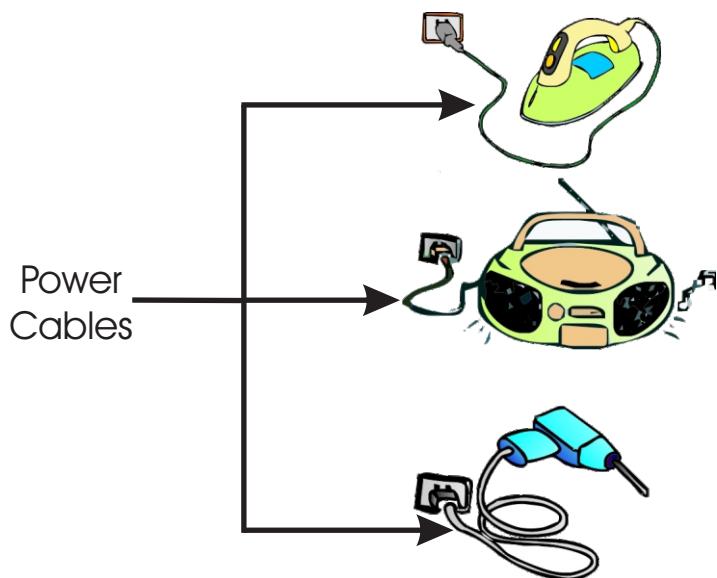
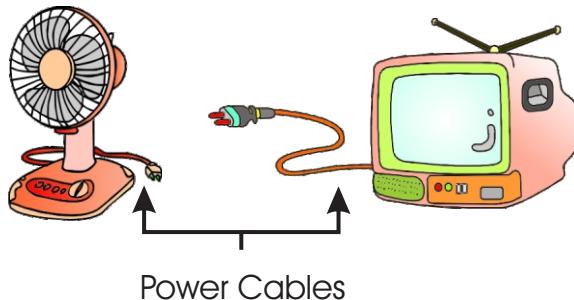
Most devices use power cables to make them work.

Power Cable is a wire through which electricity flows inside to give power to electronic devices. See the illustration of a computer set that uses cables.

Power cables have different looks. Below are the power cables available with the device you have bought.



The power cable is inserted into a power outlet. By doing so, electricity will now flow to the electronic devices.



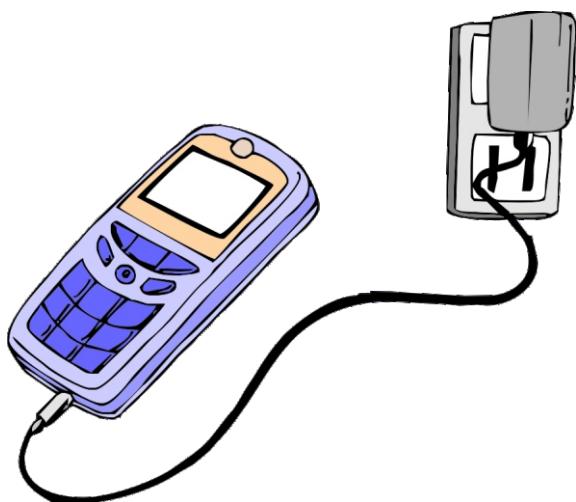
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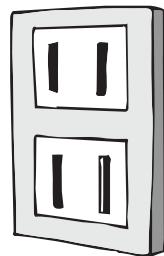
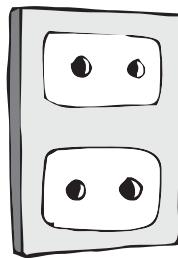
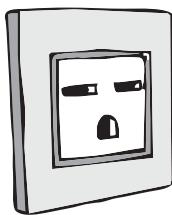
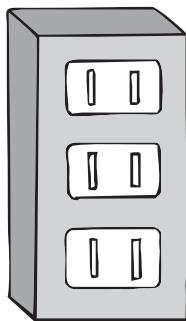
Power Outlet

Most of the electronic devices come with power cables like the battery charger of your cell phones and toys, and many more. The power cable of each device should be inserted to a power outlet as shown below.



Note: Before plugging in you need to seek assistance from an elder or from your parents.

The power outlet comes in different sizes and designs.



Power Switch

Machines and devices usually have power switch like the computer, television and DVD player. Power switch controls the ON and OFF status of the device or machine.

Below are devices with their power switches.

