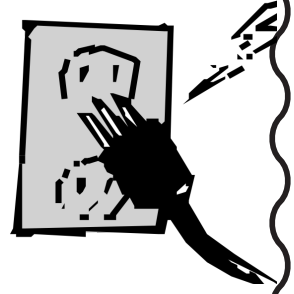


My Electricity Hunt



Set yourself a time and place in your home or school. Go on an electrical hunt. How many items can you find that run on electricity?

Room Type <small>i.e. class, bedroom, kitchen, office.</small>	How many items have batteries? <small>i.e. calculators, torches, toys</small>	How many items run on mains electricity? <small>i.e. T.V, lights, PC</small>	How many items have both battery and mains electrical charge? <small>i.e. mobile phones, tablets.</small>

The room with the most electrical items was _____

The room with the least electrical items was _____

What would the effect be on your home or school if the mains electricity went down? What couldn't you do without electricity and what could you use instead?

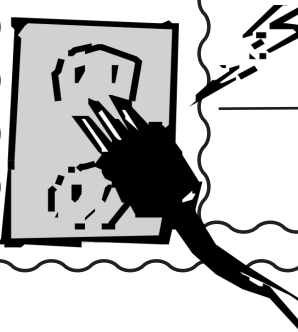
Electrical Investigation

Name _____

My question is
I am going to find out about...



I think that.....
My hypothesis is.....



This is what I am going to do:

My results are



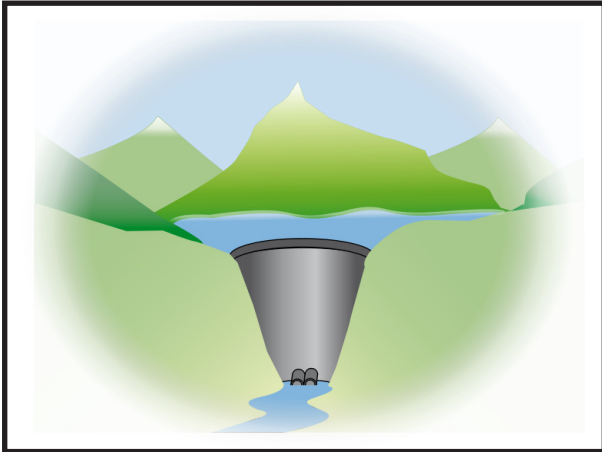
This is what I would like to
find out next.....

Where does electricity come from?

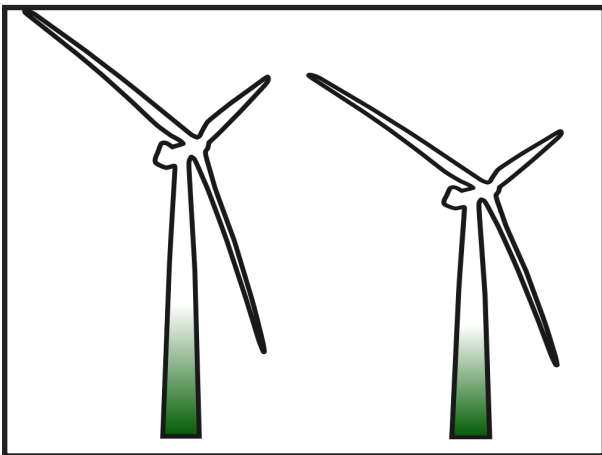


We convert energy into electricity. How do we get renewable energy?

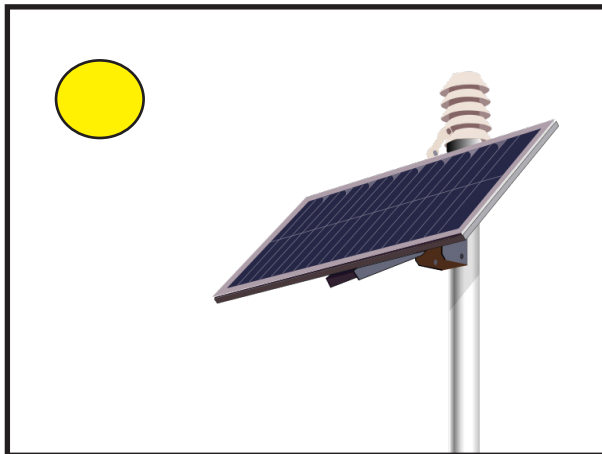
Can you cut out and match the description to the correct picture?



A turbine device that converts kinetic energy from the wind into electrical energy, or wind power.



Panels that convert light energy (photons) from the sun into electricity or Solar power.



Power plants use fossil fuels like coal, oil and gas to burn. They use the energy produced and convert it into electricity.



The energy is produced by falling water. The force of falling water is used to generate electricity or hydropower.

What do you need to make an electrical circuit?

Carefully colour and cut out the objects. On a large piece of paper, join all of the things to make an electrical circuit. Label the parts in your circuit.

