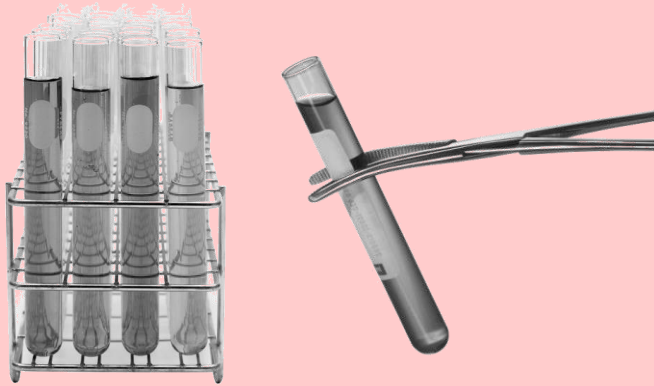


# Science Displays - Unit 2F: Using Electricity



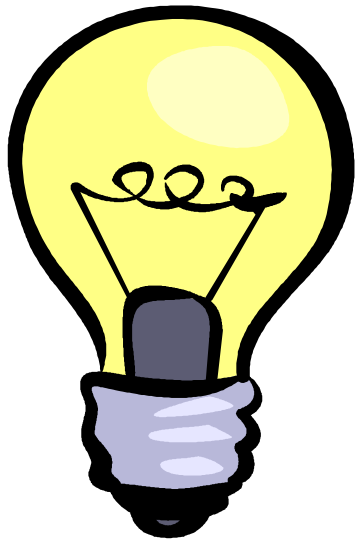
**SCHOOLS**  
 **LINKS**

[schoolslinks.co.uk](http://schoolslinks.co.uk)

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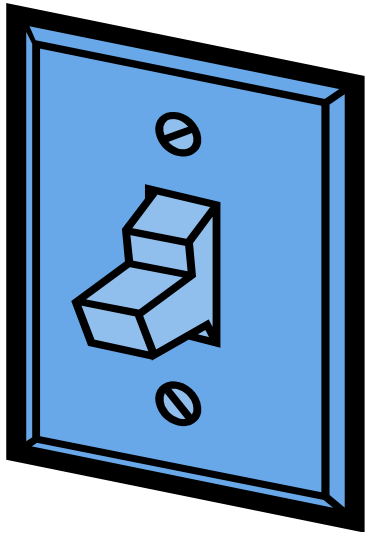
**bulb**



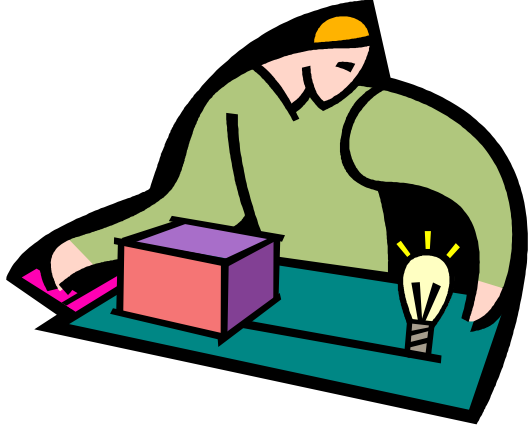
**battery**



**buzzer**

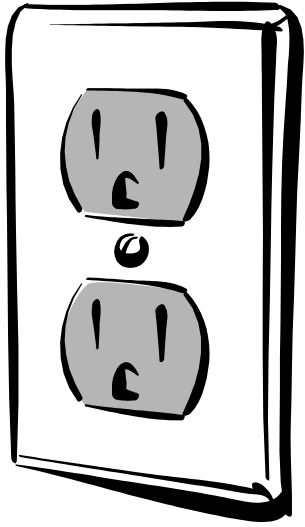


**switch**

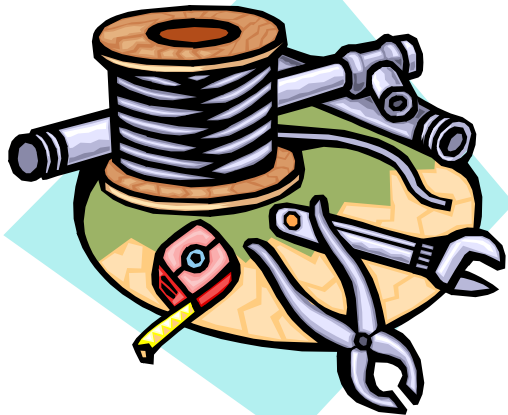


**circuit**

**connection**



**mains**



**wire**

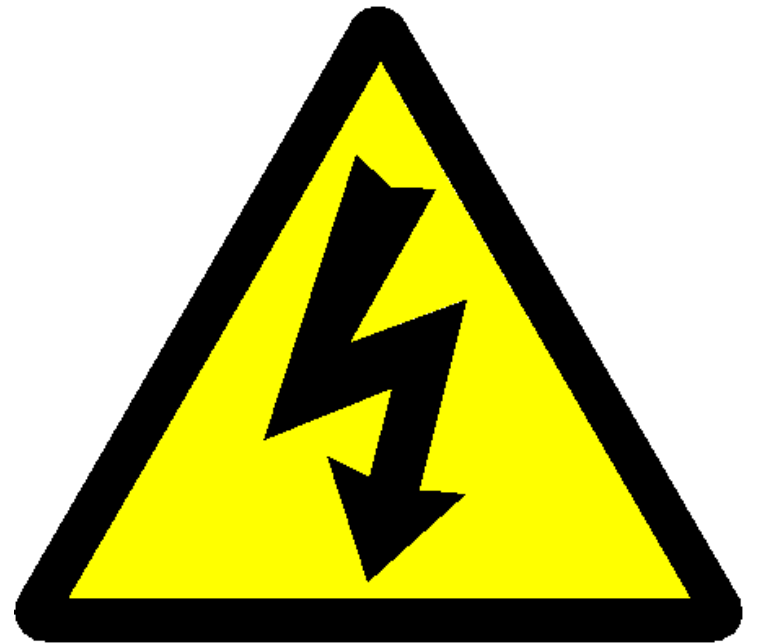


What things can you see that use electricity? Do they use mains electricity?





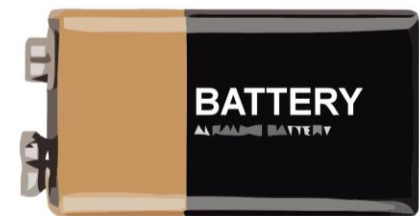
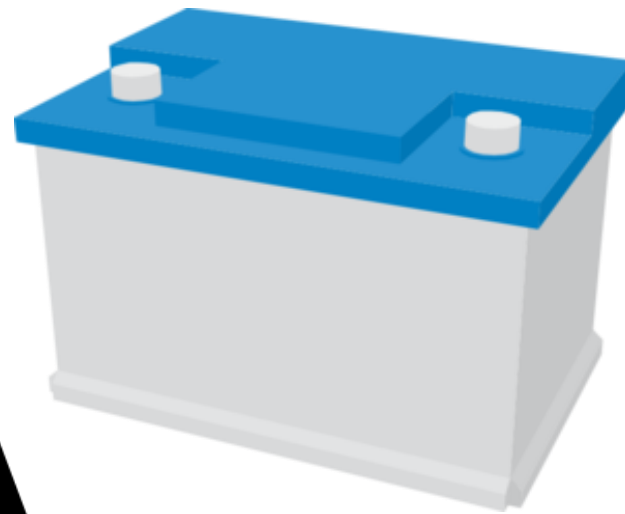
How can we  
use electrical  
appliances  
safely?







Which battery goes with which device?



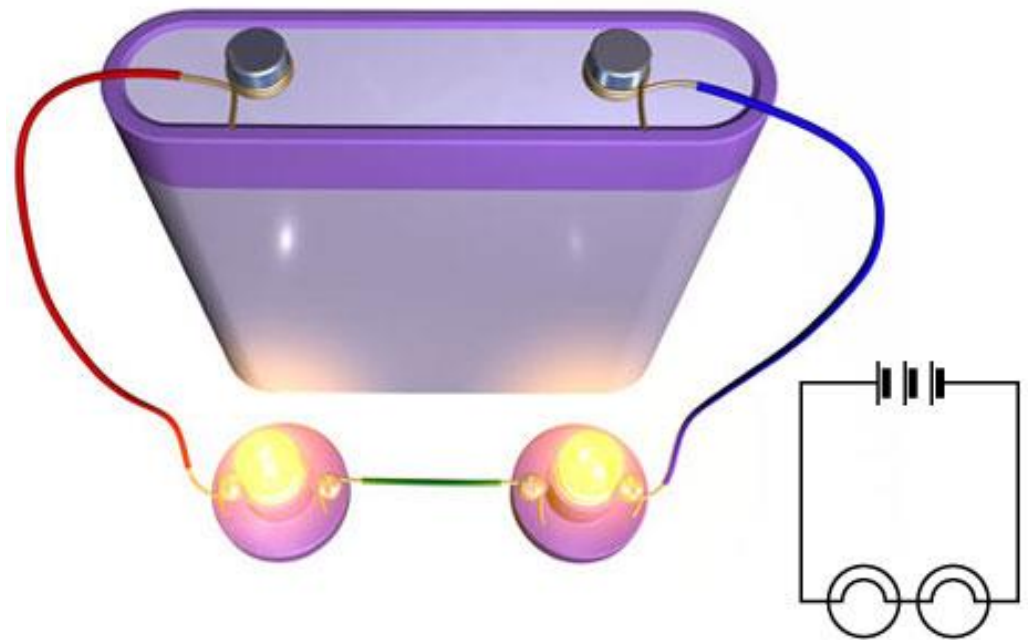


Can you make a  
circuit in which  
the bulb lights up?





Which circuits  
will work and  
which ones  
will not?



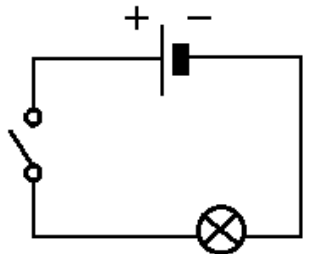
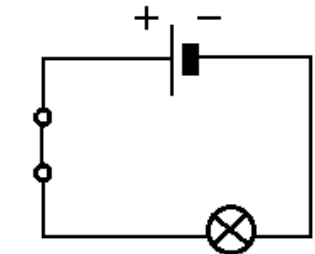
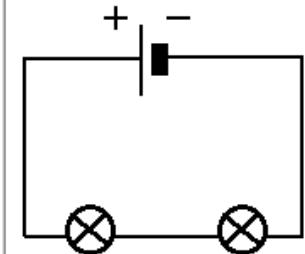
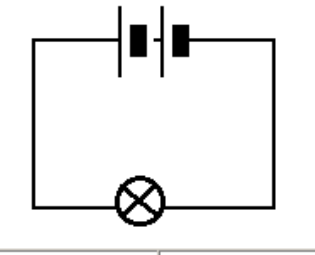
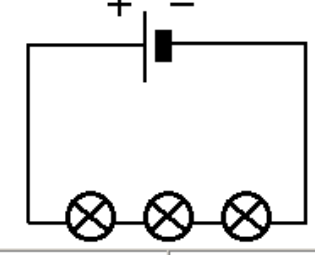
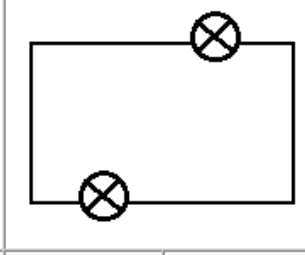


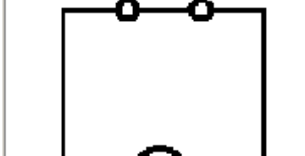


What simple device  
can you make  
using a circuit?



## Will these Circuits Work?

- 1) Look at each circuit diagram below.
- 2) Do you think the bulb(s) will light? If you do, put a tick in BOX A under the diagram. If not, put a cross.
- 3) Now make the circuit using the equipment. Does the bulb light? If it does, put a tick in BOX B. If not, put a cross.
- 4) Repeat this for all of the circuit diagrams. Then compare your predictions (BOX A) to your results (BOX B).

					
Box A	Box B	Box A	Box B	Box A	Box B
					
Box A	Box B	Box A	Box B	Box A	Box B
					

Visit *Teaching Ideas* –  
for a worksheet which asks children to predict which circuits will work.

<http://www.teachingideas.co.uk/science/circuittest.htm>