

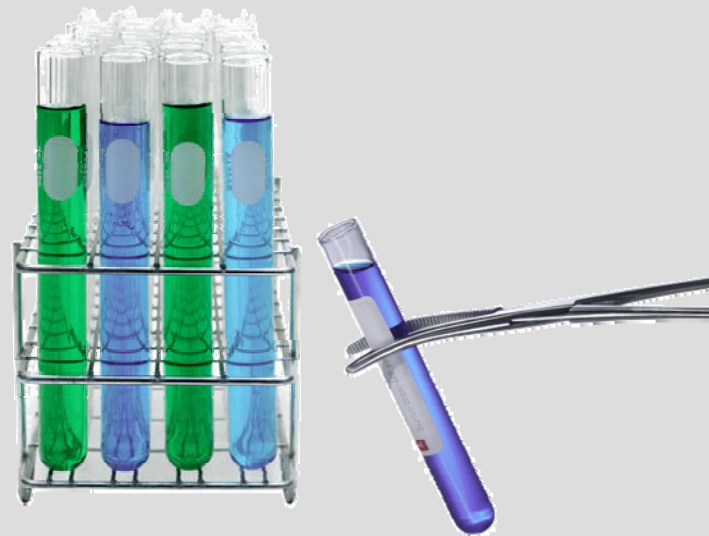
**SCHOOLS  
LINKS**



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

# Science Displays

## Unit 2F

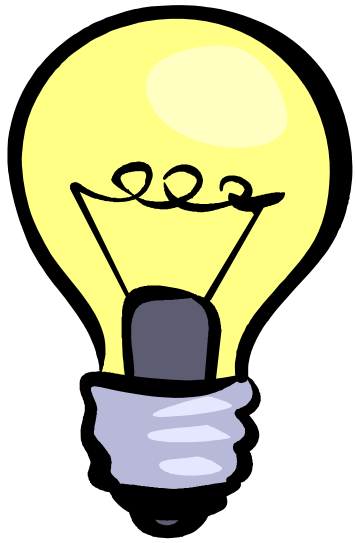


# Using Electricity

g n i s c



Y # = 0 0 = 0 0 = 0

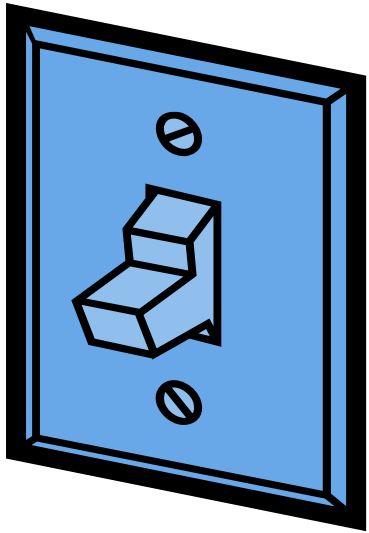


**bulb**

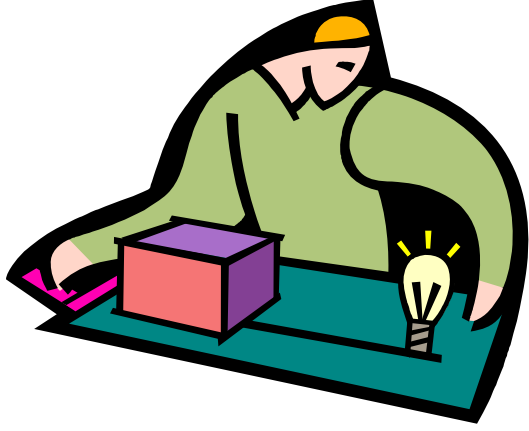


**battery**

**buzzer**

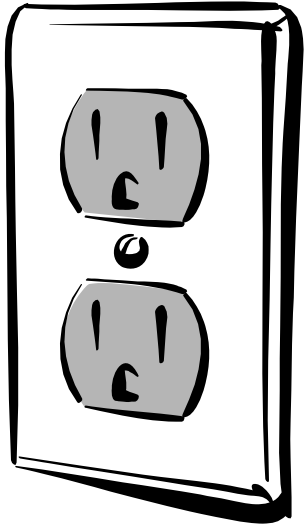


**switch**

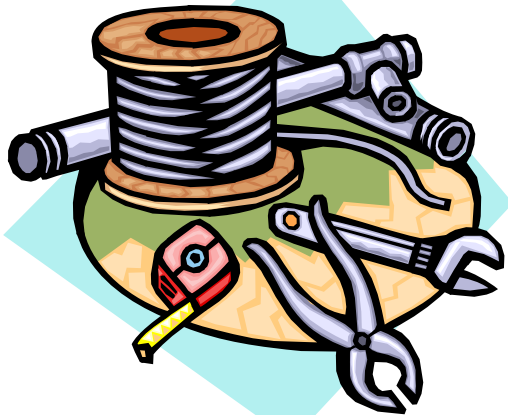


**circuit**

**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?



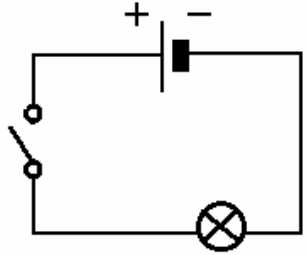
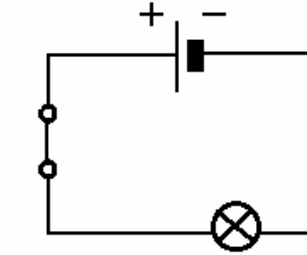
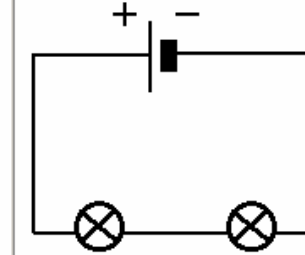
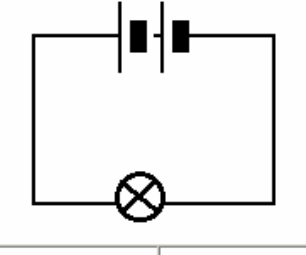
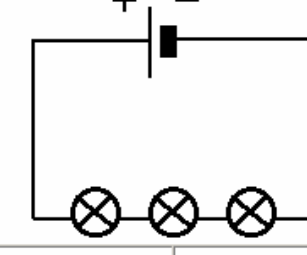
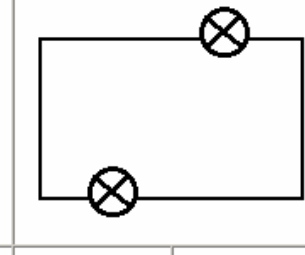



**Which circuits will  
work and which  
ones will not?**



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
					
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>