

Optional Topic Homework Year 4 - Electricity and DT

EXPLORE



Search your house for items which use electricity.

*...How many can you find?
Do they use batteries or mains power?*

GO ONLINE



http://www.bbc.co.uk/schools/scienceclips/ages/8_9/circuits_conductors.shtml

Learn more about circuit as you work through this interactive activity.

INVESTIGATE



Ask an adult at home to look inside a plug or a wire with you.

RESEARCH

Use the internet to research different games that use electricity. Create a poster or set of rules about how to play the game.

MAKE



Can you use static electricity to make the wings of a butterfly move?

*...What do you find?
...Can you explain what each part is for? ...Why is the outside layer plastic? ...What material is the inside wire made from?*



SPELL ...Practise these important scientific words so you can read, spell, say and write them in sentence. Why not turn it into a game, e.g. hang-man, anagrams, first to write it ten times, etc...

electricity
wire

electrical
safety

light bulb
energy

motor
change

circuit
brightness

cell

battery
switch

