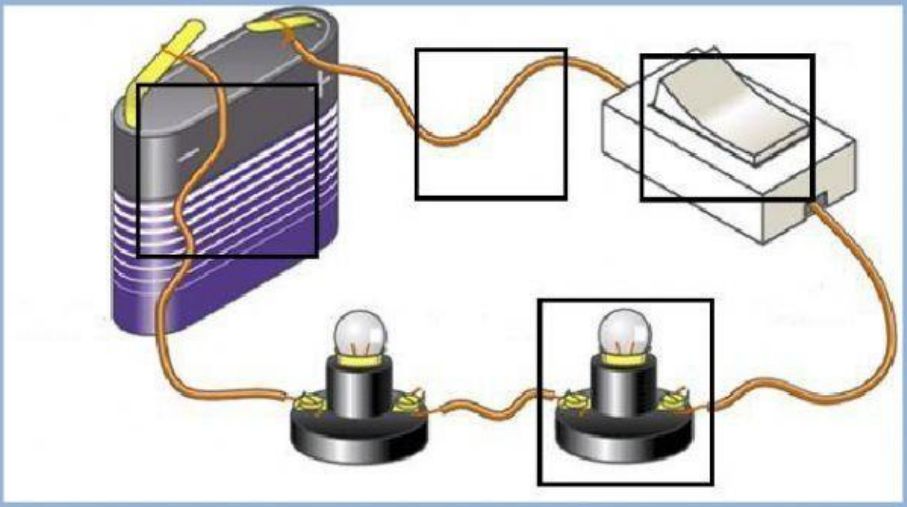
ELECTRIC WORKSHEET

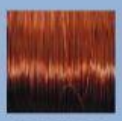
Elaborated by Francisco J. Payá García

Activity 1. Match the different components of the electric circuit with their names.



Energy source	Switch	Cable or wire	Device: light bulb

Activity 2. You have to identify if the materials in the following pictures belong to electrical conductors or insulators:



copper

plastic

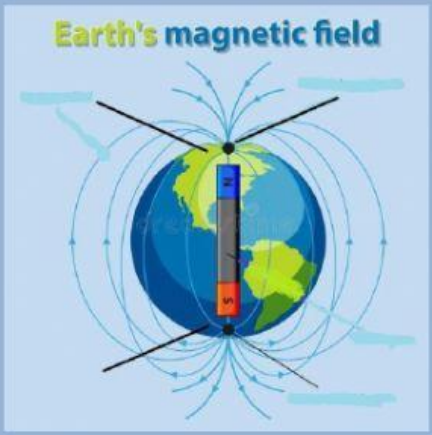
cotton

silver

gold

wood

Activity 3. Label correctly the picture below.



Activity 4. Let's check your comprehension level of the unit through true-false answers. Good luck!

1) Most objects normally have the same number of positive and negative charges.
2) Objects with opposite charges repel. They push away from each other.
3) When positive charges flow along a path, they create an electric current.
4) The aim of the switch in an electric circuit is to open and close the circuit.
5) Electricity flows easily through some materials. These materials are called electrical insulators.
6) Electric current flows along a closed path. If the circuit is not complete, electricity cannot flow.
7) Magnetite is an artificial magnet, man-made from metals.
8) Like poles of magnets attract each other.
9) A compass has a red magnetic needle that always points south.
10) The magnetic north pole is near the geographic South Pole.