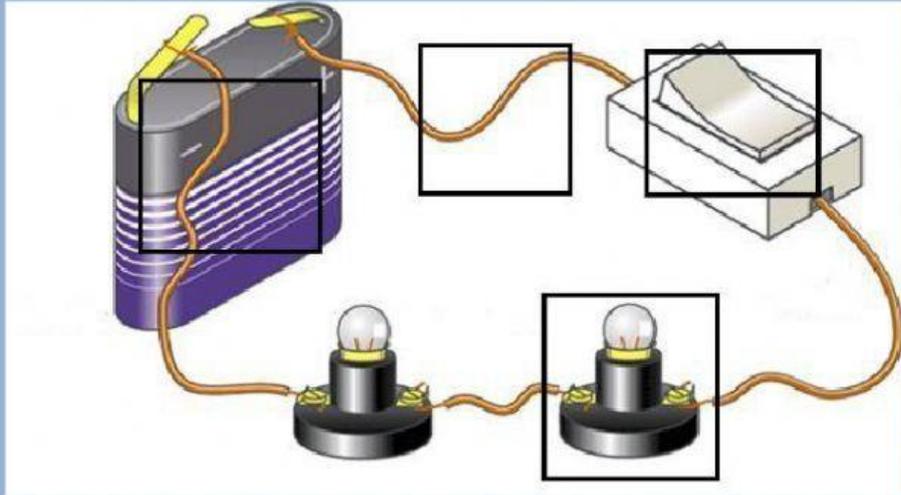


ELECTRIC WORKSHEET

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



copper



plastic



cotton



silver

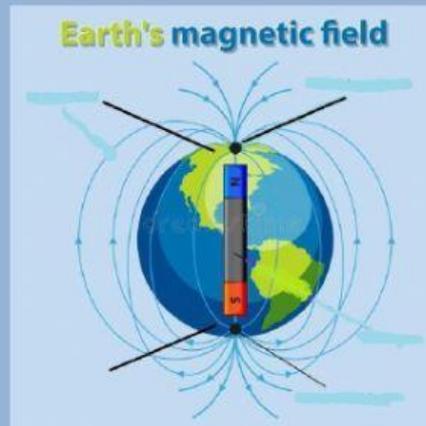


gold



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.