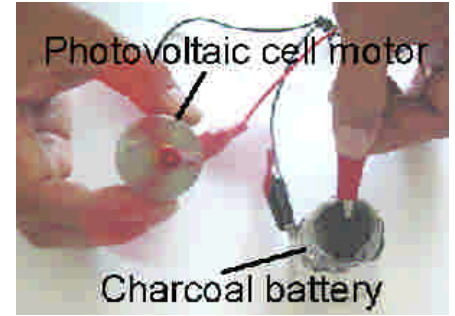




Let's Make Charcoal Battery



Let's make a battery by putting kitchen paper (moisten with a solution of salt) between charcoal and aluminum foil.



Point

Salt solution, metal and carbon can conduct electricity.

Materials

Salt
Water
Kitchen paper
Aluminum foil
Connecting wires
Charcoal
Electric melody



How to do

How to make the experiment material

1 Make a saturated saline solution and put the kitchen paper in it.



2 Wind the kitchen paper around the charcoal.



3

Wind the aluminum foil (smaller than charcoal) around the kitchen paper as shown in the photo.



4

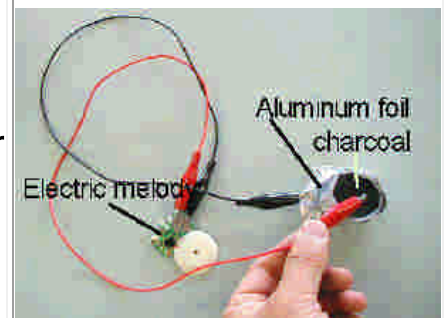
Connect the connecting wires in the terminals of electronic melody.



How to do the experiment

1

Touch one end of the connecting wire on the aluminum foil and the other on the charcoal.



2

If it doesn't work, change the connecting wire..

✘ You should check if the aluminum foil and charcoal do not touch each or the wire is accurately connected.

✘ This charcoal battery are about 1V、0.15A.

This experiment can start up the motor. But that current strength is small that most of the time a battery motor won't work and won't turn on a miniature fluorescent bulb. Poor quality charcoal will not work as a battery..

