

Brine generator



Brief introduction

Salt is not only an indispensable condiment in people's daily life, but also an important substance for maintaining human life. Salt is widely used and is the mother of the chemical industry. For example: salt water power generation, how to generate electricity? Now let's explore its chemistry...



Preparation tools and self-prepared materials

You need a small screwdriver and a pinch of salt. A screwdriver is required to install the screws during the production process, and salt is required to make the finished model work properly.



Notes

- Hello children! Please be careful when opening the material pack to avoid the sudden loss of small materials, which may cause your small production to be unable to do well!
- Children should not assemble small works separately, it may be dangerous to make them alone, so you must be accompanied by your parents or teachers to make them!
- If you want to easily make a small model, you need to read the instructions carefully, follow the steps to make, you can ask your parents or teachers if you don't understand, and seek the help of others is also a kind of learning!



Do it with me



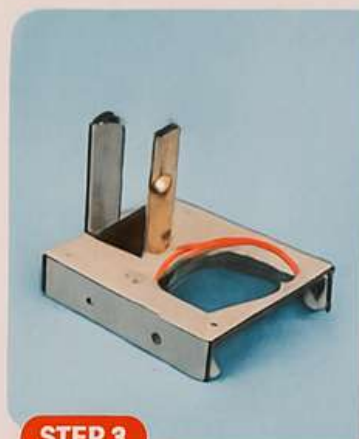
STEP 1

- Prepare all accessories and wood materials.



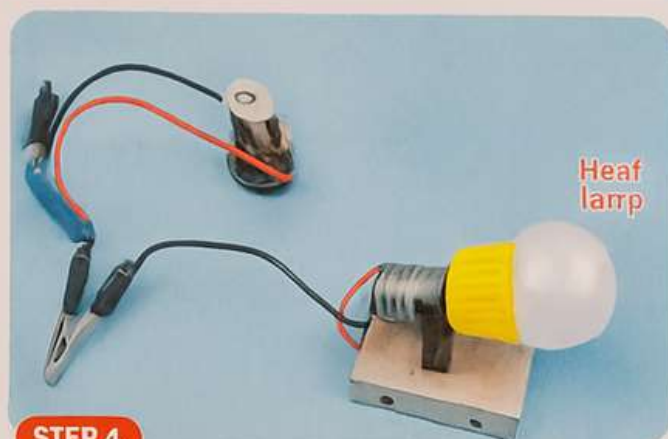
STEP 2

- First install the (1) plate on two (2) plates, then install the other (1) plate on two (2) plates, and finally install the (3) plate on the (1) and (2) boards with 4mm rough screws.



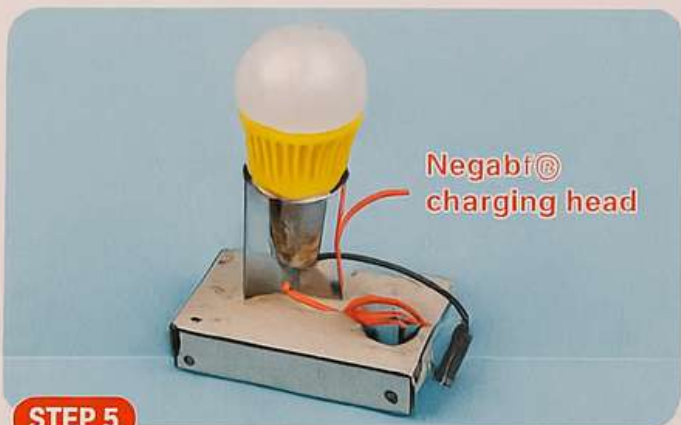
STEP 3

First insert the red alligator clip to the lower plug on the electrode, then proceed to STEP 4 below.



STEP 4

Follow STEP 5 and refer to the diagram connect the wire on the red clip to the negative charging head, and the wire on the black clip to the heat lamp charging head, taking care not to short-circuit, then place the lamp back

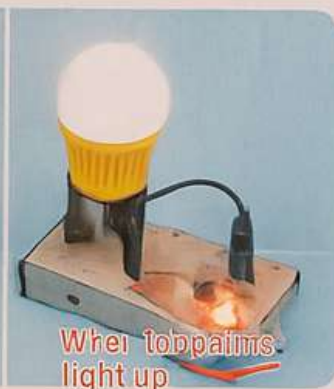


STEP 5

Fix the 84mm screws using the screwdriver on both sides of the lamp..



STEP 6



When it's not in light up? Check the unlikely situations!

1. Check if the wire is not properly connected!
2. Check if the lamp screws are not tightened!



Why didn't it light up? Check the unlikely situations!



If the light isn't lit, try the following methods:

1. Check if the wire is not properly connected!
2. Check if the lamp screws are not tightened!

Scientific Knowledge

The bulb is a mistake heat lamp using the principle of resistance heating. Apply voltage at both ends of the filament using tightened.

Scientific Knowledge

The bulb is a mistake heat lamp. using the principle of resistance heating. when applying voltage at both ends a filament produces a large current flowing through the filament, typically giving it the temperature exceeds a certain threshold: the filament emits visible light. The heat lamp has a higher resistance than a small lamp, lights it by extinguished).