

EVEREADY BATTERIES

FAQS

How to make a Battery with a Potato

The chemical reaction that takes place between the

the two different metal strips and the acid generates electricity.

two different metal strips and the acid generates electricity. Follow the instructions below to make a potato-powered light bulb.

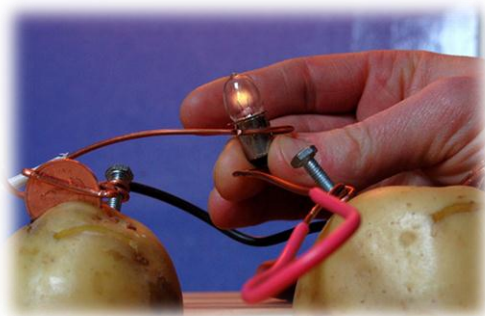
What you will need:

- **A large potato or two small potatoes**
- **Two coins**
- **Two zinc-plated nails**
- **Three pieces of copper wire**
- **A very small light bulb or LED light**

What you need to do:

- Cut the potatoes in half (if using a large potato), then cut a small slit into each half, large enough to slide a coin inside.

- Wrap some copper wire around each coin three times. Use a new wire each time, and not the same wire.
- Stick the coins in the slits you cut into the potatoes.
- Wrap some of the third copper wire around one of the zinc-plated nails and stick the nail into one of the potato halves.
- Take the wire connected to the coin in one of the potatoes with the nail and wrap some of it around the second nail. Stick that second nail into the other potato.
- As soon as you connect the ends of the copper wires to the light bulb or LED it should light up.



Interesting Facts/Warning

...

NB!! Do not perform this experiment near open flames as Hydrogen gas may be released as a result of the chemical reaction.



EVEREADY™

BATTERIES