

Rock-it Science Observations For Winter Lessons 2010

Electrophorus: Discover how to create and store thousands of volts.

It is possible to create static electricity with a vinyl record and wool

A balloon and hair create more static than the wool and vinyl

Even though we touched the aluminum pie pan, it still delivered charge

We didn't have to keep rubbing the balloon or vinyl record

The more times we added charge to the Leyden Jar, the bigger the shock

Neon lights glow when near static charge

The lights don't have to touch the charge

Only one of the two posts inside the neon light glow

Question for students and parents: Since we only have to charge the balloon once by rubbing it on our hair, and we can charge the Leyden jar many times with that balloon, do we have a never-ending source of energy?