Make your own LIGHTNING

Biomimicry is a practice that learns from and mimics the strategies found in nature to solve human design challenges. Engineers harness the power of static electricity in photocopiers, automotive paint, and operating, rooms.

Lightning is static electricity! When the air moves around in the sky and the clouds rub against each other, they pick up or release electrons. If the electrons are freed by touching another cloud, that's when you see lightning.



matter from it – these are called "electrons." The balloon then tries to get rid of the excess electrons. It can free them slowly into the air, but if you put it next to a metal object, like a paper clip, it will let all the electrons go at once! And you will see a small flash of lightning. This is called "static electricity."



Professional Engineers Ontario

Kingston Chapter

To learn more, visit https://www.weareteachers.com/best-weather-activities/