

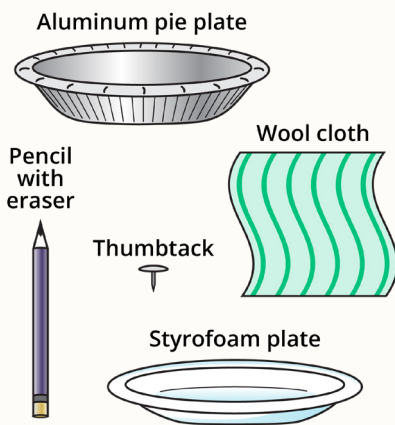


Thunderstorm Activity

Make Lightning!

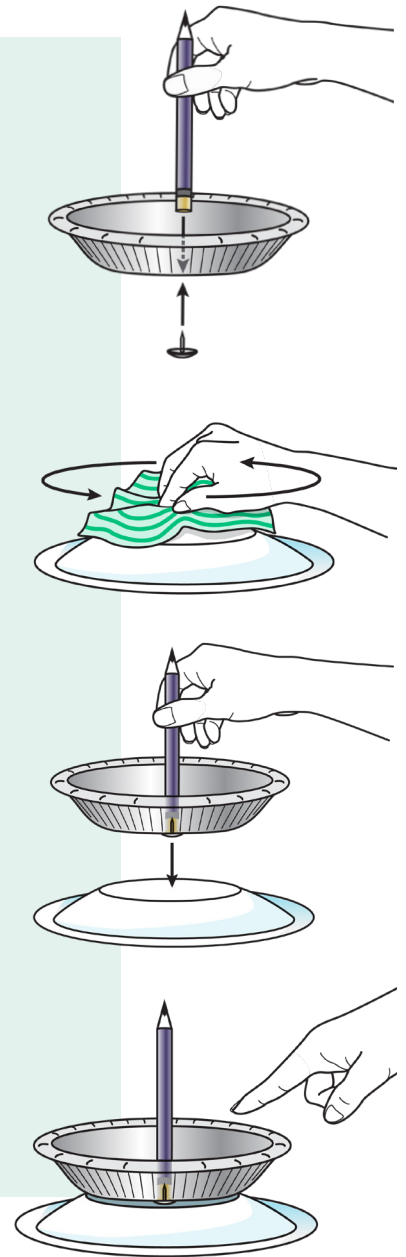
The purpose of this experiment is to observe lightning formation.

Supplies Needed



1. Aluminum pie plate
2. Pencil with eraser
3. Styrofoam plate
4. Thumb tack
5. Wool cloth

1. Push the thumbtack through the center of the aluminum pie pan from the bottom.
2. Push the eraser end of the pencil into the thumbtack.
(The pencil becomes a handle to lift the pan.)
3. Put the styrofoam plate upside-down on a table. Rub the underside of the plate with the wool for one minute.
4. Pick up the pie pan using the pencil "handle," and place it on top of the upside-down plate.
5. Touch the pie pan with your finger. If you don't feel anything when you touch the pan, try rubbing the plate again.



Try turning the lights out before touching the pan. Do you see anything when you touch the pan?