



Make Your Own Lightning

Materials Needed: scissors, Styrofoam tray, masking tape, aluminum pie tin

Procedure:

1. Cut a piece off one corner of the Styrofoam tray. You'll have a long bent piece that looks a little like a hockey stick.



2. Tape the bent piece to the center of the pie tin. Now you have a handle!

3. Rub the bottom of the Styrofoam tray on your hair. Rub it all over, really fast.



4. Put the tray upside down on a table or on the floor.

5. Use the handle to pick up the pie tin. Hold it about a foot over the Styrofoam tray and drop it.

6. Now--very slowly--touch the tip of your finger to the pie tin. Wow! What a spark! (Be careful. DON'T touch the Styrofoam tray. If you do, you won't get a spark.)



7. Use the handle to pick up the pie tin again. Touch the tin with the tip of your finger. Wow! You get another great spark

8. Drop the pie tin onto the Styrofoam tray again. Touch the pie tin. Another spark! Use the handle to pick up the pie tin. More sparks!

