

Pop Can Electroscope

Warning!!
Try this at home too!!!!

- 1. Collect the following
 - Aluminum Can (conductor)
 - Duct Tape
 - 2 strips of aluminum foil
 - Styrofoam cup (insulator)
 - Balloon
- 2. Tape the empty pop can on its side to the cup
- 3. Punch holes in the 2 foil strips and hang them from the pull tap on the can.
- 4. Charge a balloon.
- 5. Bring the balloon near the bottom of the can and observe what happens.
- 6. On the back of this page explain in detail the science behind this experiment. Use pictures and complete sentences, and show the electric charges where they belong.

