

THE GREAT ELECTRIC SPARK SCAVENGER HUNT

(L-53)

This is a very simple lab. You and a single partner will be given twenty minutes during class to “find” and bring back to me some static charge. You can do this by:

- 1.) Leaving class, “finding” some charge “out there somewhere,” capturing the charge and bring back to me, or;
- 2.) You can bring to class an object that you feel will allow you to generate static charge which, again, can be transported to me for observation.

In all cases, **ONLY YOU AND YOUR PARTNER WILL BE GIVEN CREDIT FOR A CLEVER WAY OF DOING THIS.** That is, I’m expecting that you will think about how to do this, then execute what you decide upon during class. I do **NOT** want to see people arrive to class clueless, then have them steal someone else’s idea. This is supposed to be your creation.

In all probability, the way I will check to see that you have successfully completed the assignment will be to use my nose to see if I can attract a spark from your trapped static electricity.

That’s it. Your grade will depend upon how successful you are in your endeavor.