

## **“Static Electricity”**

Complete while the video is playing!

1. Static electricity is from a word that means \_\_\_\_\_.
2. Electrons build up a big charge and then the charge lets go. The electrons start flowing. Isn't that wild; it's \_\_\_\_\_.
3. A static charge occurs when electrons \_\_\_\_\_ on something.
4. There is an old saying that says “opposite's \_\_\_\_\_”.
5. What do opposite electric charges do when they are brought close to each other? \_\_\_\_\_.
6. Why do the hairs of Bill Nye's “Rocking Wig of Science” stand out as they do?
7. Clothes taken out of the dryer often stick together. This is called \_\_\_\_\_.
8. When electrons jump off of things, scientists say that they \_\_\_\_\_.
9. The ground wire runs from the machine right to the main cold \_\_\_\_\_?
10. The pipes run underneath the floor to the lab, all the way down here, and then into the \_\_\_\_\_.
11. You may have seen the third prong on some electrical plugs; it's the \_\_\_\_\_. It lets extra electrons get to or from the \_\_\_\_\_ quickly and quietly.
12. In Bill Nye's story time, he mentions that long ago pine tree sap hardened into a gold colored substance we call \_\_\_\_\_.
13. What is the Greek word for amber? \_\_\_\_\_
14. On top of the Space Needle in Seattle, Washington, about 184 meters off the ground. Now this is the closest thing to a cloud. So we got \_\_\_\_\_ on it. If an electrical storm comes along, the electrons can find their way to the \_\_\_\_\_ through one of these things.
15. The safest place to be in a thunderstorm is in your \_\_\_\_\_.
16. Static electricity isn't always static. That is, it doesn't always \_\_\_\_\_.