"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? _____
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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 _____ _____ _____
_____

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