

Name: _____ Date: _____ Hour: _____

Bill Nye Video - "Static Electricity"

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. What is the device called that makes a big static electrical charge? _____

7. Why do the hairs of Bill Nye's "Rocking Wig of Science" stand out as they do?
8. Clothes taken out of the dryer often stick together. This is called _____.
9. When electrons jump off of things, scientists say that they _____.
10. The ground wire runs from the machine right to the main cold _____?
11. The pipes run underneath the floor to the lab, all the way down here, and then into the _____.
12. 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.
13. In Bill Nye's story time, he mentions that long ago pine tree sap hardened into a gold colored substance we call _____.
14. What is the Greek word for amber? _____
15. 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.
16. The safest place to be in a thunderstorm is in your _____.
17. Static electricity isn't always static. That is, it doesn't always _____.