

Name: \_\_\_\_\_

Bill Nye the Science Guy Video

Static Electricity

1. What is static electricity?

stationary electricity.

2. List five examples of static electricity.

lightning, feet on carpet.

3. What causes an electrical spark?

charges jump.

4. How can you get rid of static cling?

moisture, dryer sheets - barrier between substances.

5. Where do electrons go when they are charged?

to the ground.

6. What is the third prong used for in an electrical plug?

grounding

7. Where does the word electricity originate?

amber - greek for electron

8. What is the function of a lightning rod?

lightning to the ground.

9. Explain the function of Bill's home-made electroscope.

to tell if something is charged.

10. What causes lightning and thunder?

charges      heated air