

Name: _____ Period: _____

Van de Graaff Generator Lab

Purpose: To explain how the Van de Graaff generator works and two of its demonstrations of electrostatics.

Grading: The lab will be assessed on the following criteria

- Written explanation of the how the Van de Graaff generator works. Include diagrams in your explanation. (5 points)
- A list of safety precautions that need to be taken when using the Van de Graaff generator. (5 points)
- Written explanation of two different electrostatic demonstrations that can be done with the Van de Graaff generator. Be sure to describe in detail the physics behind the demonstrations. Include a materials list and diagrams in your explanations. (10 points)

All work needs to be done in your lab book.