

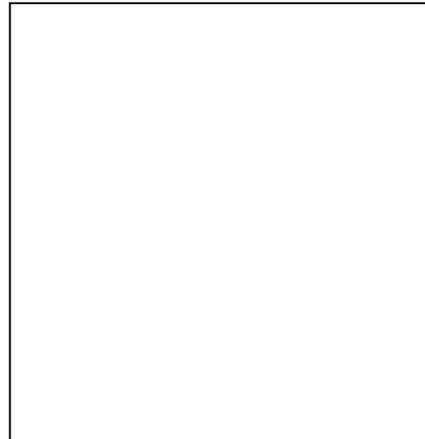
General H.H. Arnold High School
Programs in Technology Education
Applied Electricity and Electronics
An Introduction to Electricity
PERFORMANCE TEST

REQUIRED MATERIALS: Van de Graaff Generator

Part A. Draw lines connecting the following terms and their definitions.

Definition	Term
The smallest piece of an element that still retains the properties of that element.	Molecule
Two or more elements chemically joined.	Atom
The part of the atom having the negative charge.	Element
Matter made up of atoms of only one kind.	Neutron
The building material of the universe that occupies space and has weight.	Proton
The smallest piece of matter made from atoms.	Static Electricity
Part of an atom having no electrical charge.	Matter
Part of an atom having a positive charge.	Compound
Stationary electrical charge.	Electron

Part B. Draw (bore model) lithium and copper atoms in the boxes below.



Part C. Using a Van de Graaff generator, demonstrate the three laws of electric charges to the instructor.

Initial

Name

Period