Atomic Activities Name:_____

Part I: Atomic Beads

1. You will be given baggies with blue and green beads. The blue beads represent the neutrons, the green beads represent protons, and the number written on the bag represents the total number of electrons
2. Record the numbers of protons, neutrons, and electrons for each bag in the following table
3. Using the values, complete the mass number, atomic number, and nuclear symbol
4. Using your knowledge of the periodic table, complete the remaining columns
5. Start at any station. After three stations, check with your teacher to be sure you're on the right track

Bag	# of Protons	# of Neutrons	# of Electrons	Nuclear Symbol	Mass Number	Atomic Number	Metal, Nonmetal, Metalloid	Family Name	Period #	# of Valence Electrons
A										
B										
C										
D										
E										
F										

Bag	# of Protons	# of Neutrons	# of Electrons	Nuclear Symbol	Mass Number	Atomic Number	Metal, Nonmetal, Metalloid	Family Name	Period #	# of Valence Electrons
G										
H										
I										
J										
K										
L										
M										
N										