

Name _____

Period _____

Date _____

Atom Investigation Sheet

Due Date: _____

Directions: Using the web sites www.chemicalelements.com or www.lenntech.com/periodic-chart to find the following information about the atom you have selected.

Name of Atom		Number of Energy Levels	
Atomic Symbol		Melting Point	
Atomic Number		Boiling Point	
Atomic Weight		Mass Number	
Number of Electrons		Number of Protons	
Number of Neutrons (show work)		Properties (hard, soft, conductor, insulator, etc.)	
Classification (Transition, alkali, earth, etc.)		Uses	
Sources – (where is it found on Earth?)		Health Issues	
Other Interesting Facts – List at least three other things you learned about this atom.			

Electron Configuration: On the back of this paper, draw a picture of the atom. Label the nucleus, protons, neutrons, energy levels and electrons. Color each subatomic particle the appropriate color.