

Chapter 7

Periodic Table of Elements

Portfolio Piece – Rubric

DUE: Friday, December 18, 2015 NO EXCEPTIONS!

Student's Name _____ Core 1 / Core 2

The Name of My Element is _____.

In Chapter 7 you have learned about the Periodic Table of Elements. You will demonstrate your understanding in an Element Project. After the completion of your graphic organizer, gather your findings in a presentation of your choice (i.e. poster, power point, Animoto video, poem, iMovie, flip book, or any other method of your choice). All information from your graphic organizer must be in your presentation. Please use the following guide and rubric when creating your project. All information should be well organized and neatly presented. It's an added bonus if you type out your project.

List of required information in your Element Project

- ♦ **Element Name**
 - Symbol
 - Electron Configuration & Key
 - # of protons, electrons, neutrons & energy levels
- ♦ **Pictures of Modern Usage for 'your element'**
 - Minimum of 2 pictures that show how your element is used in the world
 - Use this section to explain your pictures of modern usage. Give examples of how it is used in the everyday world as well as any additional interesting information about your element.
- ♦ **The History of 'your element'**-Who discovered your element, when was it discovered? Where?
 - Please also include any additional important historical information that would generate interest to your project.
- ♦ **Properties of 'your element name here'**
 - Isotopes
 - Melting Point & Boiling Point
 - Atomic Mass & Atomic Number
 - Classification, Density, Color
- ♦ **Picture of the Periodic Table of Elements/Highlight or Circle your element**
- ♦ **IMPORTANT: Neatness & Organization is Key!**

List of Online Resources:

www.ptable.com, www.periodictable.com, www.chemicalelements.com, www.chemicool.com or www.google.com and type in your element's name.