

Unit 3

Periodic Table of Elements Project – Rubric

Create-an-Element

Student's Name _____ **Core 1 / Core 2**

The Name of My Element is _____.

Periodic Table Tile

- ♦ Element Name
- ♦ Element Symbol
- ♦ Atomic Number
- ♦ Atomic Mass

▪ Total (10 pts) _____

Electron Configuration (Bohr's Model)

- ♦ Key (color-coded Protons, Neutrons, Electrons)
- ♦ Created Electron Configuration (not copy/pasted)

▪ Total (10 pts) _____

History of your Element

- ♦ Who discovered the element?
- ♦ Where it was discovered and when?
- ♦ What is the origin of the element's name?
- ♦ What does the name mean?
- ♦ Where is the element found?
- ♦ What color is it?
- ♦ Is it a solid, liquid, or gas at room temperature?
- ♦ What is the primary use of the element?

▪ Total (25 pts) _____

Neatness/Creativity

▪ Total (5 pts) _____

Overall Total (50 pts) _____

Grading Scale

A – 50-45

B – 44-40

C – 39-35

D – 34-30

F – 29- 0