

# Unit 4

## Periodic Table of Elements Project - Rubric

**Student's Name** \_\_\_\_\_ **Core 1 / Core 2**

**The Name of My Element is** \_\_\_\_\_.

### Element Information

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

▪ Total (5 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 your element?  
When was it discovered? Where?
- ♦ Please also include any additional important/interesting historical information.

▪ Total (10 pts) \_\_\_\_\_

### Properties of your Element

- ♦ What state is it in at room temperature?
- ♦ Melting point & Boiling point
- ♦ Classification, Density, Color

▪ Total (10 pts) \_\_\_\_\_

### Uses Modern of your Element

- ♦ Minimum of 2 pictures that show how your element is used in the world.
- ♦ Explanations about your pictures, including how it is used and any other interesting information.

▪ Total (10 pts) \_\_\_\_\_

### Neatness/Creativity

▪ Total (5 pts) \_\_\_\_\_

### Grading Scale

A - 50-45  
B - 44-40  
C - 39-35  
D - 34-30  
F - 29- 0

**Overall Total (50 pts)** \_\_\_\_\_

# Unit 3

## Periodic Table of Elements Project - Rubric

**Student's Name** \_\_\_\_\_ **Core 1 / Core 2**

**The Name of My Element is** \_\_\_\_\_.

### Element Information

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

▪ Total (5 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 your element?  
When was it discovered? Where?
- ♦ Please also include any additional important/interesting historical information.

▪ Total (10 pts) \_\_\_\_\_

### Properties of your Element

- ♦ What state is it in at room temperature?
- ♦ Melting point & Boiling point
- ♦ Classification, Density, Color

▪ Total (10 pts) \_\_\_\_\_

### Uses Modern of your Element

- ♦ Minimum of 2 pictures that show how your element is used in the world.
- ♦ Explanations about your pictures, including how it is used and any other interesting information.

▪ Total (10 pts) \_\_\_\_\_

### Neatness/Creativity

▪ Total (5 pts) \_\_\_\_\_

### Grading Scale

A - 50-45  
B - 44-40  
C - 39-35  
D - 34-30  
F - 29- 0

**Overall Total (50 pts)** \_\_\_\_\_