**ELEMENT**

**POSTER or POWER POINT**

**PROJECT**

**A. Objectives**:

\* Research the history, properties, uses and classification of a select element.

\* Create a poster with specifics related to an element from the periodic table.

\* Present an oral presentation along with the visual display.

**B. Poster Information Requirements:**

**1. History**:

- When was it discovered? (actual date or time period)

- What was it named after?

- What is its name in other countries?

- How did it get its symbol?

**2. Properties of the Element**

- Chemical (flammable, reactivity, etc.)

- Physical (color, state of matter at room temperature, etc.)

- Include a photograph of the element.

- Include a drawing of the atomic structure of the element.

**3. List of Uses and where it is found**

- What are the common uses of this element?

- Industrial uses

- Everyday uses

- Where is this element found in nature?

- Common forms of the element

- Common compounds in which it is found

**4. Information from Periodic Table of Elements**:

- Include the copy of the periodic table on the poster

- Identify and mark the location of the element (highlight, color, etc.)

- Include the Atomic Symbol

- Include the Atomic Number

- List the classification (e.g., metal, non-metal)

**DUE DATE** \_\_\_\_\_**Tuesday, December 1st, 2015**\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ELEMENT POSTER, PREZI** Student Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­\_\_\_\_\_\_

**or POWER POINT RUBRIC**

**Pre and Post-Research Requirements *(15 formative points possible)***

\_\_\_\_\_ (15 pts) Using class and computer lab time wisely for research efforts

**Postern PowerPoint or Prezi *(75 formative points possible)***

**1. History** **of its Discovery and Naming:**

\_\_\_\_\_ (5 pts) - When was it discovered? (actual date or time period)

* Who was it discovered by? (person if possible unless known to ancients)
* Who, what or where was it named after? (if possible)
* What language is its element symbol is based on?

\_\_\_\_\_ (5 pts) - List its name in at least three other languages.

**2. Properties of the Element**

\_\_\_\_\_ (5 pts) - Chemical Properties (flammable, reactivity, etc.)

\_\_\_\_\_ (5 pts) - Physical Properties (color, melting point, state of matter at room temperature, etc.)

**3. List of uses and where it is found**

\_\_\_\_\_ (5 pts) - What are the common uses (industrial or everyday) of this element? (if none, explain why)

\_\_\_\_\_ (5 pts) - What form(s) is this element found in nature? (pure form and/or compounds it is found in)

**4. Information from Periodic Table of Elements and other graphics**:

\_\_\_\_\_ (5 pts) - The location of the element marked on a periodic table on the poster.

\_\_\_\_\_ (5 pts) - Include an enlargement of the Atomic Symbol and Atomic Number.

\_\_\_\_\_ (5 pts) - States whether it is classified as a Metal, Nonmetal or Metalloid.

\_\_\_\_\_ (5 pts) - Include a graphic (photograph of element or other visual representation)

\_\_\_\_\_ (5 pts) - Include a drawing of the atomic structure of one atom of the element

**5. Organization and Neatness**

\_\_\_\_\_ (5 pts) - Creative and eye-appealing arrangement

\_\_\_\_\_ (5 pts) - Neatness and use of color

\_\_\_\_\_ (5 pts) - Facts are presented in bullet/statement form (NOT paragraphs)

\_\_\_\_\_ (5 pts) - List sources (websites, books, etc.)

**Class Presentation *(25 summative points possible)***

\_\_\_\_\_ (5 pts) - Clearly organized and/or prepared

\_\_\_\_\_ (10 pts) - Spoken clearly with voice and presence to ensure meaning and interest for audience

(loud enough, eye contact, positive posture)

\_\_\_\_\_ (10 pts) - Provided accurate and complete facts

(correct pronunciation, complete and accurate information)