

Name: _____ Period: _____

Presentation and project Due Date: _____

Adopt an Element Project (50 points !!!!)

Key Facts about my element:

8pts

The name of my Adopted Element is: _____

Symbol: _____ Atomic Number: _____ Atomic Mass: _____

of Protons: _____ Average # of Neutrons: _____ # of Electrons: _____

Melting Point: _____ Boiling Point: _____

How much would it cost to get some of my element?:

It costs \$_____ for _____ (amount) of my element.

Phase my element is in at room temperature: solid, liquid, or gas (circle 1)

Classification: Nonmetal, Metal, or Metalloid

Origin of name:

Discovered by: _____ in the year: _____

9 pts – On separate piece of paper, write in paragraph form, 8 interesting facts about your element.

10 pts - Create an Advertisement: (On a poster or on a PowerPoint)

Create an advertisement for your element. It must include:

- Element's name, symbol, atomic number, atomic mass, cost,
- A slogan that describes one or more of its important uses.
- Advertisement must be neat, colorful, and contain all information listed above. You may add pictures that relate to your advertisement theme. See sample advertisement.

8 pts - Write a Diamond Poem

Write a poem about your element.

- Describes your element, and how fantastically awesome your element is.
- Refer to example of Diamond poem

EXAMPLE OF Poem: Diamond Poem

Make up a poem about your element in the Diamond (Diamond) format:

Line 1: The name of the element

Line 2: Two adjectives that describe the element

Line 3: Three verbs ending in -ing

Line 4: Four nouns

Line 5: Three more verbs that end in -ing

Line 6: Two adjectives

Line 7: One noun

Example: Hydrogen



5 pts - Bohr Model :

- Create a Bohr diagram model of your element using common (or not common) objects.
- All parts of the atom must somehow be included in logical location on your atom. (nucleus; correct # of protons, neutrons, and electrons; correct **electron shell** configuration.)

10 pts – Presentation:

Give a brief presentation to the class on your element. This must include:

- Element name, symbol, # Ps Ns Es, 4 interesting facts.
- Showing and describing your advertisement, Reading your poem/song **or** Reading your story. (only need to do 1)
- You also need to show off your Bohr model during your presentation.