

# Element Project Rubric

Name \_\_\_\_\_

Your element project will contain 2 parts:

- Element Research Project
- Creative element card

## Part I: Element Research Project

The following is a rubric for your element research project. It is a list of the items needed for your project and how many points each item is worth. **Please refer to it often when completing your project.**

- \_\_\_\_\_ (12 pts) Paragraph one: Includes all required information and contains at least six sentences without spelling errors.
- \_\_\_\_\_ (12 pts) Paragraph two: Includes all required information and contains at least six sentences about the history of the element without any spelling errors.
- \_\_\_\_\_ (12 pts) Paragraph three: Includes all required information. At least **two** physical properties and **two** chemical properties are addressed. It contains at least six sentences without any spelling errors.
- \_\_\_\_\_ (12 pts) Paragraph four: Includes all required information in regards to how the element is used. It contains at least six sentences without any spelling errors.
- \_\_\_\_\_ (12 pts) Paragraph five: Includes all required information. It contains at least one interesting fact about your element and a description of what you have learned so far without any spelling errors.
- \_\_\_\_\_ (10 pts) A bibliography page listing all of the resources you used to find your information without any spelling errors.

## Part II: Create an element card

The following is the grading system for the second part of your project, the element card.

- \_\_\_\_\_ (5 pts) Top center of your card contains the name of your element.
- \_\_\_\_\_ (5 pts) Middle center of your card, in **big letters**, contain the chemical symbol.
- \_\_\_\_\_ (10 pts) Left side of your element chart contains the required information: atomic number, atomic mass, state of matter, metal, metalloid or non-metal, # of protons, neutrons, electrons, density, color. You will lose 2 points for each portion missing. If you are unable to provide information regarding a specific characteristic, please make sure you include it in your chart. (Ex: Density: Unknown)
- \_\_\_\_\_ (10 pts) Right side of your element chart contains the required information: date of discovery, discoverer, natural or synthetic made, origin of name, obtained from, uses, other interesting facts about element, picture or drawing of element. You will lose 2 points for each portion missing. If you are unable to provide information regarding a specific characteristic, please make sure you include it in your chart. (Ex: Date of discovery: Unknown)

**Total points/Grade:** \_\_\_\_\_