**“All About \_\_\_\_(put your element name here)\_\_\_\_\_\_\_\_\_\_\_\_”**

### PURPOSE:

**In this project you will research the Internet for information about a particular element and create an "ALL ABOUT (your element)" report.**

### MATERIALS:

1. **Internet connection**

**Helpful Links:**

[**http://www.chemicalelements.com/**](http://www.chemicalelements.com/)

[**http://www.webelements.com/index.html**](http://www.webelements.com/index.html)

[**http://education.jlab.org/itselemental/index.html**](http://education.jlab.org/itselemental/index.html)

1. **This google doc**

### PROCEDURE:

* **Part A - Physical Properties**
  1. **Element Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
  2. **Element Symbol: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
  3. **Find the following:**
     +  **Atomic Number is \_\_\_\_\_\_\_\_\_\_\_.**
     +  **The number of protons is \_\_\_\_\_\_\_\_\_.**
     +  **The number of electrons is \_\_\_\_\_\_\_\_\_.**
     +  **Atomic Mass Number is \_\_\_\_\_\_\_\_\_\_\_.**
     + **The number of neutrons is \_\_\_\_\_\_\_\_\_\_.**
     + **What is its period?\_\_\_\_\_\_\_\_\_\_group?\_\_\_\_\_\_\_\_\_**
     + **What is its melting point? \_\_\_\_\_\_\_\_\_\_boiling point?\_\_\_\_\_\_\_\_\_**
     + **What is its classification: a metal, nonmetal, or metalloid?**
     + **What is its density?\_\_\_\_\_\_\_\_\_\_**
     + **Is it a solid, liquid, or gas?\_\_\_\_\_\_\_\_\_\_**
     + **What is its color?\_\_\_\_\_\_\_\_\_\_**
     + **Insert a picture of or draw its atomic structure:**
* **Part B - History**
  1. **Find the following information:**
     + **Who discovered it?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
     + **When was it discovered?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
     + **Where was it discovered?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
     + **How was it discovered?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
     + **Note: If any of this information cannot be found, just record *Unavailable.***
* **Part C - Uses**
  1. **Write a description and list the uses for your element.**
  2. **Find a picture or image of your element and insert it here:**

**Extra Credit: Give me a unique fact about your element not covered in the about questions. (5 points)**