**“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)**