

## Research Project

### Gathering Grid

Name \_\_\_\_\_

*A gathering grid can help you organize the information from your research. Down the left-hand side are the questions you are researching for your element.*

*Across the top you are to name the **source and type** of source used to find the answers to those questions. Fill in the squares with an **X** to indicate which source answers which question(s). Use 2+ pages if you have more than 5 sources. NOTE: You need 5 sources with 3 different types!!!! One must be a primary source and/or lab report!*

Element Name & Symbol \_\_\_\_\_

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1.                      2.                      3.                      4.                      5.

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#### General Information

\*Origin of Name  
Latin or Greek roots or  
what it's named after

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\*Discovery  
Date? Who? How?

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\*Element Family

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\*Period # and  
Group #

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\*Bohr model  
w/ # of shells,  
electrons, & valence  
electrons

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#### Physical Properties

\*State of matter  
at room temperature

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\*Color  
Appearance  
Texture  
Odor

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\*Density, boiling pt,  
melting pt.,  
metal or non-metal,  
thermal conductivity,  
electrical conductivity  
characteristics unique to  
your element

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1.

2.

3.

4.

5.

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### **Real World Uses**

\*How it was 1st used

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\*Where it's found  
in abundance & how it's  
collected.

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\*How it's used today—  
by itself & combined with  
other elements  
\*Impact on human body

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\*Recent discoveries

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### **Chemical Properties**

\*Reactive or not

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\*Flammable or non-flammable

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\*Chemical properties unique  
to your element

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### **Interesting Facts/Trivia**

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***\*\*Any section left unanswered or blank from your research with your science teacher will need to be found and completed when you research with your English teacher.***