

# Periodic Table Webquest

Name:

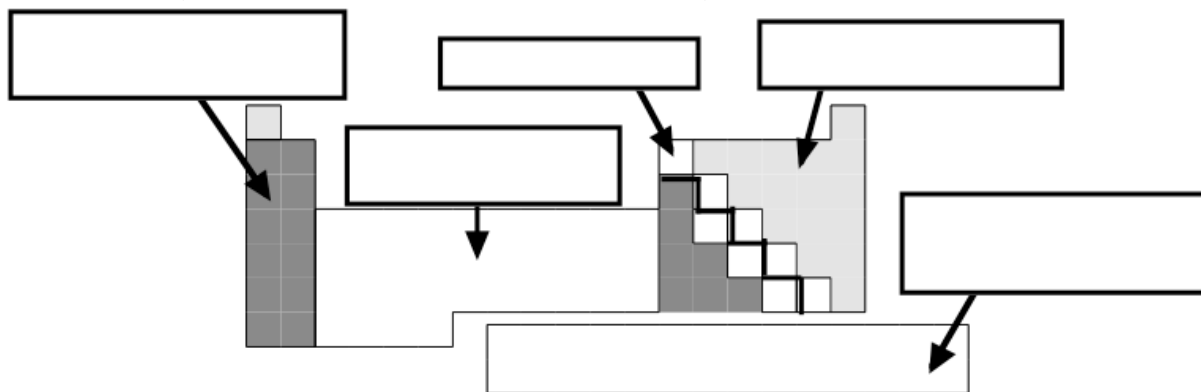
Period:

Date:

**Directions: Go to [trackstar.4teachers.org](http://trackstar.4teachers.org) (no "www") & View Track # 375482**

## **PART A: LEARN ABOUT THE PERIODIC TABLE OF ELEMENTS! (Sites 1 & 2)**

1. Look at the picture on the website and label each part of the Periodic Table.



2. Elements in each group (columns) have similar properties. If this is true, which elements have chemical properties that are the most similar to Lithium? (**Hint: you need to read the information under the picture of the Periodic Table!**)

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

3. Look at the Periodic Table again. Describe where **metalloids** (in blue) are found on the Periodic Table compared to metals and nonmetals.
4. Go to the picture of the Periodic Table and click on "Metalloids" (in blue). Which elements are **metalloids**? List their symbols.

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5. What are 3 characteristics of **metalloids**? (**Hint: Use both Site 1 and Site 2.**)

6. Look at the Periodic Table on Site 1. Describe where **nonmetals** (in green) are found on the Periodic Table compared to metals and metalloids.

7. Go to the picture of the Periodic Table and click on "Nonmetals" (in green).

How many elements are classified as **nonmetals**? \_\_\_\_\_

Give 5 examples by listing their symbols. \_\_\_\_\_

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8. What is group number and location of **Noble Gases** on the Periodic Table?

9. Which elements are classified as **Noble Gases**? List their symbols.

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10. What are at least 6 characteristics of **non-metals**? (Hint: Use both Site 1 and Site 2.)

11. Look at the Periodic Table on Site 1. There are 3 different categories of **metals** (in yellow, red, and purple). Describe where ALL the **metals** are found on the Periodic Table compared to nonmetals and metalloids.

12. Go to the picture of the Periodic Table and click on "Metals" (in yellow, red, and purple). Name 6 examples of elements that are **metals**. List their symbols below.

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13. What are at least 6 characteristics of **metals**? (Hint: Use Site 2 first, then go back to Site 1 and click on each of the 3 categories of metals.)

## **PART B: SOLIDIFY YOUR UNDERSTANDING OF THE PHASES! (Sites 3-5)**

Tying it all Together!



Review the phases of matter using the websites provided (#3-5). On a separate sheet of paper, create a summary of what you learned about the phases of matter. Revisit the key words we have been studying in class. Use as many words from your notebook as possible when creating your summary! You will earn one point for every vocabulary word that you use correctly. 😊 Don't forget to staple your paper to this worksheet!