

## Chemistry Unit Glogster

*This counts as a test grade!*

Due Date: \_\_\_\_\_

You are responsible for making a glog based on your research in chemistry. Peruse the questions on the back, and select 5 questions to research. Once you have your questions selected, you may begin to search for the answers on the internet. Please keep the following guidelines in mind:

- This is an independent assignment. You are working alone.
- You should include at least 5 “buttons” or elements (links, graphics, text boxes, etc.) on your glog. Each of the five should represent one of the questions you choose. You may have more than 5 elements.
- Of the 5, you must have at least one link, one graphic, one text box, and one video that relates to your questions (if you look diligently, you may be able to find a video that answers more than one question – this also applies to links).
- Your 5 questions must be clearly highlighted somewhere on the glog. You might want to have a list of them in a text box (just an idea).

ADD a rubric?

## Glogster Project Questions

1. What is the periodic table? Why do we need it?
2. What is an element? Give 3 examples.
3. What is the difference between an element and compound? What is the same?
4. How is an element represented? Give an example. How is a compound represented? Give an example.
5. Who is credited with the organizing of the periodic table we use today, and when did he do this?
6. How is the periodic table organized or divided?
7. About how many elements have been discovered thus far?
8. What do we mean when we say that some elements are natural while others are synthetic?
9. What are the capitalization rules for the periodic table?
10. What numbers and symbols are in each square of the periodic table?
11. What are the main elements that make up the land, oceans, and air?
12. What is density, and why is it important to study it?
13. What is the formula for density, and what is the "cutesy" trick for remembering it?
14. How would you teach someone the concept of density?
15. What is the density of water?
16. What is the purpose of the zig zag line on the periodic table?
17. What is a metalloid, and what is the Greek meaning of this word?
18. What are some common physical properties of matter? List at least 7. (there is a list in your science textbook)
19. What are some common physical properties of metals?
20. What are some common physical properties of nonmetals?
21. What are some common physical properties of metalloids?
22. What information do we get from a chemical formula?
23. List the chemical formulas of 5 everyday things like water or sugar.
24. Explain how table salt (NaCl) is composed of two very unlikely ingredients.
25. What is the definition of a chemical reaction?
26. Tell about an interesting chemical reaction.
27. What is the difference between a mixture and a compound?
28. How are a mixture and a compound similar?
29. List at least 3 clues that indicate a chemical reaction is occurring.