**Periodic Table Gallery Walk Assignment**

You and a partner will research an assigned group of elements from the Periodic Table. Find the information listed below and use it to create a large poster display. Mrs. Nork will provide the art materials☺

My assigned element group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Elements present in my group:

Group of Family # (s):

Number of valence (outer) electrons:

State of matter at room temperature:

Stability or reactivity of the group?

3 fun facts about elements in this group (may include what they are used for, how they were discovered, etc.)

Pick any element from the group and draw a Bohr Model of it (showing protons, electrons and neutrons)

**ALL OF THIS INFO WILL GO ON A LARGE PIECE OF NEWSPRINT AND BE DISPLAYED IN OUR CLASSROOM!**

**Walk around the classroom and fill in the following info from the posters! You will be given a pile of sticky notes on which you are to comment (appropriately) on each other’s work. You can include questions that you still have or things that you found useful.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Alkali metals** | **Alkaline Earth Metals** | **Transition Metals** | **Other Metals** | **Metalloids** | **Non-Metals** | **Halogens** | **Noble Gases** |
| **Group (or Family) #(s):** |  |  |  |  |  |  |  |  |
| **Elements present:**  **NOTE: you do not need to list EVERY transition metal- just pick 4 or 5** |  |  |  |  |  |  |  |  |
| **Number of valence (outer) electrons:** |  |  |  |  |  |  |  |  |
| **State of matter (at room temp):** |  |  |  |  |  |  |  |  |
| **Is it reactive or stable?** |  |  |  |  |  |  |  |  |
| **3 fun facts:** |  |  |  |  |  |  |  |  |
| **Bohr Model:** |  |  |  |  |  |  |  |  |

**Bonus Questio**n: If you could be one element from the Periodic Table, which one would it be and why?