

## Element Poster Project Directions and Checklist

**Directions:** You will create an informative poster for your assigned element from the Periodic Table. Use only approved websites to research your element. Use the checklist below to guide your research. Write your research notes on page **C9** of your INB. Design your rough draft on page **C8** of your INB. Create your final poster on the colored printer paper provided by your teacher. Your poster must meet all of the requirements in the checklist below to be considered for the giant 6<sup>th</sup> grade Periodic Table that will be displayed in the science hallway and used by 8<sup>th</sup> graders! **Due Date: Friday, September 21, 2018**

### Element Poster Checklist

**Requirements:**

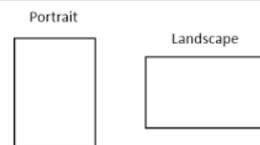
- Name of the element is spelled correctly and written on poster
- Chemical symbol of the element is capitalized correctly and written in large letters in center of poster
- Atomic number of the element is correct and written on poster
- Element is correctly identified as a metal, nonmetal, or metalloid on the poster
- Correct color paper is used: Check with your teacher for the family/category\*\* color and write it here: \_\_\_\_\_
- Correct state of matter (Is it a solid, liquid, or gas at 23°C?) of the element is written on the poster
- Distinguishing characteristics (appearance, color, texture, odor, radioactivity, etc.) are listed on the poster

- Description of how the element is used by humans is written on the poster
- A fun fact about the element is written on the poster
- At least one relevant diagram, drawing, or picture of the element is included on the poster
- Atomic number is written on the bottom of the poster
- Poster is in portrait orientation\* and has student name & period # written on **back**

**Optional :**

- Who discovered the element? (There may be more than one person responsible)
- Is the element naturally occurring or synthetic? (Synthetic elements are created artificially by scientists in a lab)
- When was the element discovered (year)?
- Where did the element's name come from?
- Which element family/category\*\* is the element in and why?

\*Remember! Your poster must be **portrait** orientation, **NOT** landscape! →



\*\***Element family/category paper colors:** Alkali metals (red), Alkaline earth metals (orange), Lanthanides (ivory), Actinides (light green), Transition metals (gold), Post-transition metals (neon yellow), Metalloids (green), Other nonmetals (aqua), Halogens (light blue), Noble gases (purple)