**FINAL MISSION!**

Everyone will have their own element, but you can earn coins that will go to your groups total coin count.

Completing this assignment by the end of the day Friday: 2 silver coins

You will make an Element Card to go on our **LARGE 6th grade Periodic Table**. Example:

**You will draw it on the color of paper for what your element is:**

Noble Gas - Yellow

Halogens – green

Alkali Metal – pink

Alkaline earth metals – ivory

Transition metals – blue

Lanthanide or Actinide - buff

Everything else - gold

**The card must have the following: (2 points each)**

\_\_\_\_\_ Symbol (one color marker) \_\_\_\_\_ Element Name (one color marker)

\_\_\_\_\_ Atomic Number (one color marker) \_\_\_\_\_ Atomic Mass (one color marker)

\_\_\_\_\_ Your name on the back (first, last, class)

**Fill out the following for your research:**

Atomic number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ What does the atomic number tell us? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Number of Protons: \_\_\_\_\_\_\_\_\_\_\_\_ Neutrons: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Electrons: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

atomic mass: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of orbitals: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Number of Valence Electrons: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**When** discovered/first produced: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Who** discovered/who produced: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Where it can be currently found/how made: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Metal, Nonmetal, Metalloid: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Six Characteristics (color, texture, density, melting point, etc): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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How it is used – **AT LEAST** 3 common uses: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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One or two REALLY interesting facts or stories about your element (how it got its name, how it was discovered, etc)

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**Make Aurasma Video to go along with your Element Card. Your video must:**

\_\_\_\_\_ Say what your element is and YOUR NAME (2 points)

\_\_\_\_\_ Say how many protons, neutrons, and electrons it has (3 points)

\_\_\_\_\_ Where it is located on the periodic table (2 points)

\_\_\_\_\_ One VERY INTERESTING FACT OR STORY about your element (8 points)