

Background: We have learned about the structure of atoms. An \_\_\_\_\_ is the smallest particle of an element. Each \_\_\_\_\_ is identified by the number of protons in the nucleus. Now it is time to take a look at the periodic table and some of the elements. The atomic boxes are in order beginning with #1. The periodic table is actually in order of the \_\_\_\_\_ (number of \_\_\_\_\_).

**ELEMENT PRESENTATION:** Choose an element that interests you and create a Google Docs presentation through your GMAIL account. You can choose from atomic number 1 - 94. Have 2 back-up choices.

### BENCHMARK DATES

October 14/15: Directions and choose partner/element  
October 14/15: Learn how to use NoodleTools and Image Quest  
October 16/17: Last day to work on in class!  
Please share with [itoal@petk12.org](mailto:itoal@petk12.org) when **done**\*\*\*  
Title: Period Element first names

October 20/21: Presentations in class - with the microphone ☺

**Open your GMAIL, go to DRIVE, then CREATE, then click Presentation. This will be saved in your GMAIL account automatically. Share the presentation with your partner so you both have access to it.**

### Things to know:

#### How to ADD a slide:

- At top: click SLIDE, NEW SLIDE

#### HOW TO PUT A PICTURE IN:

- At top: click INSERT, IMAGE, this will give 6 ways to get image, SEARCH may be easiest

#### HOW TO CHANGE BACKGROUND or THEME or LAYOUT

- At top: click SLIDE, look at what options it gives you

#### HOW TO SEND THINGS FORWARD/BACKWARD

- At top: click ARRANGE, ORDER

#### HOW TO MAKE WORDS FLY IN, ETC

- At top: click VIEW, ANIMATIONS

#### HOW TO MAKE SLIDE TRANSITIONS

- At top: click SLIDE, TRANSITIONS

#### ADD in LINK or VIDEO

- At top: click INSERT, LINK or VIDEO

***You must FINISH your 7/8 slides before you spend time on TRANSITIONS/ANIMATIONS***

Works Cited: <http://kjhslibrary.weebly.com/> click: RESOURCES, then NoodleTools

Mrs. Swangren notes:

**The Powerpoint Presentation must contain 7-8 slides and 6 pictures**

\*Using a picture as the "background" counts as a picture.

**Your Powerpoint must contain the following information in this order:**

1<sup>st</sup> slide: Title ♦Names, Class period, Name of element. (3) ☐

2<sup>nd</sup> slide: Who What Where When Why?

- Explain **why** you chose this element (no credit for saying because you had to) (2) ☐
- Find out **who** discovered this element (2) ☐
- Find out **where** it was discovered (2) ☐
- **When** was the element discovered? (2) ☐
- Describe **how** this element was discovered. (2) ☐
- A **picture** of your element (as it occurs naturally) (2) ☐
  - If you cannot find the above information, you must state that on your slide.

3<sup>rd</sup> slide: Atomic box and Periodic Table

- Insert and correctly label the atomic box for your element (4) ☐
  - **Atomic Number, Atomic Symbol, Element name, Atomic Mass,**
- Include a picture of the column or **FAMILY** that your element belongs (3) ☐  
And **write what family** it is in.  
Example: "Neon" belongs to the \_\_\_\_\_ Family (Group\_\_\_\_) + PICTURE (pg 140-154)  
\*\*Might be the whole periodic table with just one FAMILY highlighted\*\*

4<sup>th</sup> slide: Electron Configuration♦

- A **picture** of the **electron configuration** for your element (3) ☐

5<sup>th</sup> slide: INTERESTING Facts (include pictures)

- LIST 4 INTERESTING Facts (4) ☐  
\*Must NOT be boring! Do not include facts like melting point, boiling density, etc - or any facts that contain large numbers

6<sup>th</sup> slide: FASCINATING USES (Include pictures) (4) ☐

- 4 USES \*\* must be fascinating \*\*

SLIDE: Keepin' it real - this is my element (Extra 4pts) ☐

- Link or upload a 30-90 second **video** that relates to your element into your PowerPoint
- You might have to do this **at home**. \*How is your element a part of this world/universe?
- Keep in mind that it must be **appropriate** - no blood, gore, or bad words

7<sup>th</sup> or 8<sup>th</sup> slide: Works Cited (NoodleTools) cite at least 4 resources (5) ☐

(no search engines, No Wikipedia, correct format.) 1 must be a book

**ADDITIONAL POINTS**★Overall look of presentation (Slide animations, transitions, (8) ☐  
fonts, colors, easily read, at least 6 pictures, etc)

★Presentation in front of class (read out loud and clearly, no laughing, professional) (4) ☐

**\*COPYING AND PASTING WORDS WILL RESULT IN NO CREDIT FOR THAT SLIDE**

\_\_\_\_50 points total