

- You will be building your own periodic tables and organizing your elements based on your knowledge of atomic structure
- You will be giving information about the element by filling out the tiles of the periodic table
- You will organize the elements according to groups and periods
- You will identify the group names you learned in class
- To conclude, you will write three paragraphs about the periodic table using our academic vocabulary

Title

- You will be creating your periodic table on provided poster paper
- Give your Periodic Table a Title

Tiles

- You will be giving the following information for each tile given to you
- This information is based upon the periodic table
- On your poster, create a key to your tile identifying the following
 - Atomic Number
 - Chemical Name
 - Atomic Mass

The tile template is enclosed in a rectangular border. At the top left, a square box contains the letter 'B' centered between two horizontal lines. To the right of this box are three rows of text: 'P = ___', 'N = ___', and 'E = ___'. Below the square box is the text 'Bohr Diagram'. In the center of the tile is a Bohr diagram consisting of two concentric circles. Below this diagram is the text 'Lewis Structure'. At the bottom right of the tile is the letter 'B'.

Organization

- You will organize the tiles of the elements in the same manner the periodic table is organized
- Number the Groups accordingly

Identify Group Names

- Of the tiles that you have been given, identify the Group (Family) Names by using a different color for each group
 - Hint-There are four
- Create a key of the colors you are using with the family name

Concluding Paragraphs

- On the half sheet provided you, write a concluding paragraph (3-5 sentences long each) for each vocabulary word listed below
 - Atomic Number
 - Valence Electron
 - Subatomic Particles
- Glue your Concluding Paragraphs to the back of your poster

- Your poster is due next period
- Next Class
 - Unit 2 Test review
 - Binder Prep

On the provided poster paper, give your Periodic Table a Title

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- Organization
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- Concluding Paragraphs
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