#### You will be building your own periodic tables and organizing your elements based on your knowledge of atomic structure

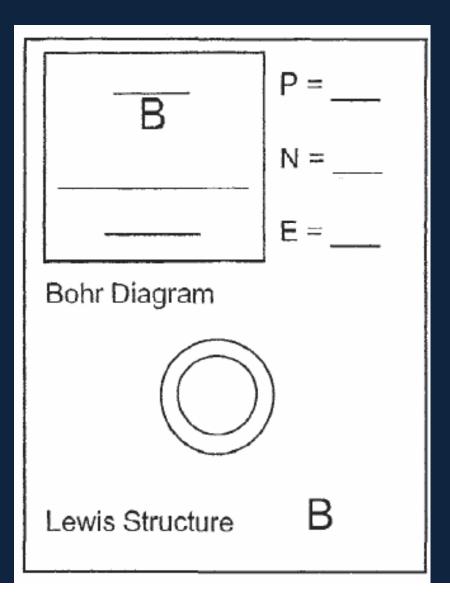
- You will be giving information about the element by filling out the tiles of the periodic table
- You will organize the elements according to groups and periods
- You will identify the group names you learned in class
- To conclude, you will write three paragraphs about the periodic table using our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



- 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



# 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

<ul> <li>You will be giving the following information for each tile given to you</li> <li>This information is based upon the periodic table</li> <li>On your poster, create a key to your tile identifying the following <ul> <li>Atomic Number</li> <li>Chemical Name</li> <li>Atomic Mass</li> </ul> </li> </ul>	<ul> <li>Organization         <ul> <li>You will organize the tiles of the elements in the same manner the periodic table is organized</li> <li>Number the Groups accordingly</li> </ul> </li> </ul>
<ul> <li>Identify Group Names <ul> <li>Of the tiles that you have been given, identify the Group (Family) Names by using a different color for each group</li> <li>Hint-There are four</li> <li>Create a key of the colors you are using with the family name</li> </ul> </li> </ul>	<ul> <li>Concluding Paragraphs         <ul> <li>On the half sheet provided you, write a concluding paragraph (3-5 sentences long each) for each vocabulary word listed below</li> <li>Atomic Number</li> <li>Valence Electron</li> <li>Subatomic Particles</li> <li>Glue your Concluding Paragraphs to the back of your poster</li> </ul> </li> </ul>