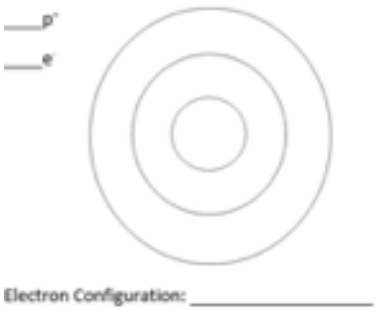
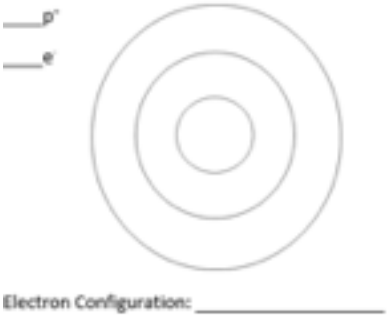
2.1 Notes Name_____Date: _____

Warm Up: *Silently* Draw a Bohr Diagram for each of the following elements:

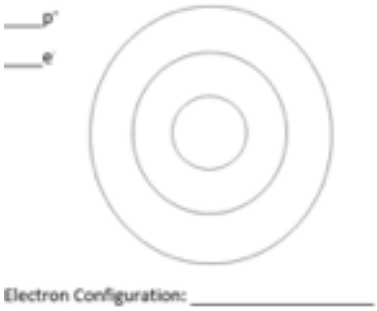
Lithium



Sodium



Potassium



The Periodic Table of Elements

As you watch the video, record notes below and try to fill out the key points that are listed.

Key Understandings

* Gold, silver, and copper are easily spotted because they _____.
* Alchemist Graham isolated the element Phosphorus from his _____.
* Lithium, Sodium, and Potassium all react similarly because they are in the same _____.
* The current model of the Periodic Table was organized by Mendeleev according to _____.

Vocabulary

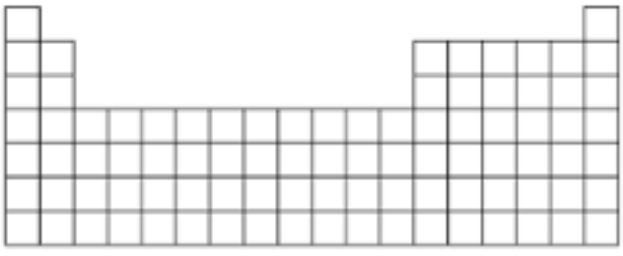
Element

The Periodic Table of Elements is a very strategic arrangement of all of the known, an even some unknown elements found on Earth.

As you watch the next video, pay very close attention to the vocabulary used and try and understand just how important Mendeleev's contributions were to us as Chemists.

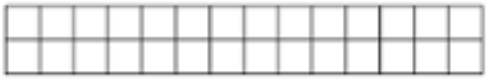
Periodic Table Vocab

Periodic



Period

Group



Elemental Families

Look back at your warm up. What do all of these elements have in common?

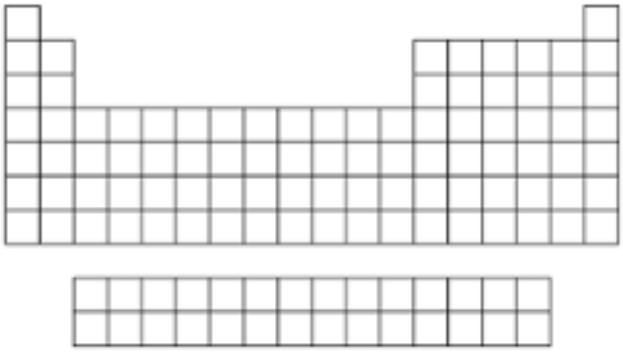
_____

_____

Look at the Periodic Table projected on the board. Anything interesting about these three elements?

_____

Group 1 Metals – also known as the _____ Metals all have _____



_____

_____.

When elements are in the same group on the periodic table….

Video: As you watch the video, record your observations paying particular attention to what is similar and different about the Group 1 metals when they react with water.

Exit Ticket: