|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Periodic Table Families PPT Notes | | | | | | | | | | |
| **Directions:** Choose a color and color in the names of the families. Follow along with the PowerPoint and complete the chart. Find the families on your periodic table and color them the matching color. | | | | | | | | | | |
| Color | Alkali Metals | Alkaline Earth Metals | Transition Metals | Boron Family | Carbon Family | Nitrogen Family | Oxygen Family | Halogen Family | Noble Gases | Rare Earth |
| Element Symbols | Group 1 | Group 2 | 21-30  39-48  72-80  104-112 | Group 13 | Group 14 | Group 15 | Group 16 | Group 17 | Group 18 | 57-71 89-103 |
| Phase (s) | S L G | S L G | S L G | S L G | S L G | S L G | S L G | S L G | S L G | -------- |
| # of Valence Electrons |  |  | 1 or 2 |  |  |  |  |  |  | --------- |
| (M)  Metal  (NM)  Non-metal  (MD)  Metalloids |  |  |  |  |  |  |  |  |  | 57-71 Metals  89-103 Radioactive |
| Reactivity |  |  |  |  |  |  |  |  |  | 57-71 Metals  89-103 Radioactive |