**Rubric: Periodic Table Project- Presentation and Group Work**

**NAME Date**

**Partners names**

|  |  |  |
| --- | --- | --- |
| **Indicator** | **Points** | **Comments** |
| **Content**: Has all of the required information about all of the assigned elements:   * Name of element and symbol * Atomic number and Atomic mass * Classification (What group or class?) * State at standard temp and pressure * Melting point and Boiling point * Electron negativity and Ionization energy * Valence electrons * Atomic Radius * Density * Images of it in its elemental state * Year discovered * Orbital information * Lewis dot diagram * Bohr model * Electron configuration * Isotopes of each element * Common uses in today’s society, with explanation of why it is well suited for this? * What do they look like in the real world?   **Compare and contrast** the elements.   * How are the three elements similar? * How are the three elements different? * Explain why they are arranged on the periodic table the way they are. | **\_\_\_\_\_\_**  **25** |  |
|  |  |  |
| **Hand-outs and Questions:**   * Note taking sheet helped focus students on the big idea and aided understanding. * Questions where well thought out and asked for understanding of important concepts | **\_\_\_\_\_\_**  **10** |  |
| **Plan:**   * Daily plan sheet was completed * Presentation plan was complete and detailed * Plan Demonstrates good group work * Shows good organization and participation * Demonstrates solid time management | **\_\_\_\_\_\_**  **25** |  |

Comments: