Chemistry – Video Rubric /40

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| Categories | 5 | 4 | 3 | 2 | 1 |
| Introduction Describe the Periodic Table, how it was made, and what it’s used for. |  |  |  |  |  |
| Group Description Describe the characteristics and trends of your Periodic Table Group. |  |  |  |  |  |
| Presentation Video format with actual video clips and still pictures.  Must have each of the student’s voices narrating the video explaining each piece.  Siting where you got the information at the end in the credits. |  |  |  |  |  |
| Group Element One **Physical Properties** – state at room temperature (solid, liquid or gas), melting & boiling points (temperature in **°**C), conduction of heat & electricity.  **Chemical Properties** – reactivity (with chemical examples such as iron reacting with oxygen to form iron oxide/rust).  **History & Uses** – History of the elements discovery, where it’s found, how we get it, and its common uses (1 historical and 2 modern with examples).  **Diagrams** – Bohr Model with atomic information (mass, protons, neutrons, and electrons), and 3D model (ball & stick). |  |  |  |  |  |
| Group Element Two **Physical Properties** – state at room temperature (solid, liquid or gas), melting & boiling points (temperature in **°**C), conduction of heat & electricity.  **Chemical Properties** – reactivity (with chemical examples such as iron reacting with oxygen to form iron oxide/rust).  **History & Uses** – History of the elements discovery, where it’s found, how we get it, and its common uses (1 historical and 2 modern with examples).  **Diagrams** – Bohr Model with atomic information (mass, protons, neutrons, and electrons), and 3D model (ball & stick). |  |  |  |  |  |
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| Group Element Four **Physical Properties** – state at room temperature (solid, liquid or gas), melting & boiling points (temperature in **°**C), conduction of heat & electricity.  **Chemical Properties** – reactivity (with chemical examples such as iron reacting with oxygen to form iron oxide/rust).  **History & Uses** – History of the elements discovery, where it’s found, how we get it, and its common uses (1 historical and 2 modern with examples).  **Diagrams** – Bohr Model with atomic information (mass, protons, neutrons, and electrons), and 3D model (ball & stick). |  |  |  |  |  |
| Group Element Five **Physical Properties** – state at room temperature (solid, liquid or gas), melting & boiling points (temperature in **°**C), conduction of heat & electricity.  **Chemical Properties** – reactivity (with chemical examples such as iron reacting with oxygen to form iron oxide/rust).  **History & Uses** – History of the elements discovery, where it’s found, how we get it, and its common uses (1 historical and 2 modern with examples).  **Diagrams** – Bohr Model with atomic information (mass, protons, neutrons, and electrons), and 3D model (ball & stick). |  |  |  |  |  |

3D Model Rubric /30

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| Group Description Describe the characteristics and trends of your Periodic Table Group. | | |  | |  |  |  |  |
| Group Element One **Physical Properties** – state at room temperature (solid, liquid or gas), melting & boiling points (temperature in **°**C), conduction of heat & electricity.  **Chemical Properties** – reactivity (with chemical examples such as iron reacting with oxygen to form iron oxide/rust).  **History & Uses** – History of the elements discovery, where it’s found, how we get it, and its common uses (1 historical and 2 modern with examples).  **Diagrams** – Bohr Model with atomic information (mass, protons, neutrons, and electrons), and 3D model (ball & stick). | | |  | |  |  |  |  |
| Group Element Two **Physical Properties** – state at room temperature (solid, liquid or gas), melting & boiling points (temperature in **°**C), conduction of heat & electricity.  **Chemical Properties** – reactivity (with chemical examples such as iron reacting with oxygen to form iron oxide/rust).  **History & Uses** – History of the elements discovery, where it’s found, how we get it, and its common uses (1 historical and 2 modern with examples).  **Diagrams** – Bohr Model with atomic information (mass, protons, neutrons, and electrons), and 3D model (ball & stick). | | |  | |  |  |  |  |
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| Group Members: |  | Project Title: | |  | | | | |
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