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| **GLCE** | Knowledge |  | Know-how | Wisdom |  |  | Teacher Initials |
| Classify substances by their chemical properties (flammability, pH, reactivity). |  |  |  |  |  |  |  |
| Identify the smallest component that makes up an element. |  |  |  |  |  |  |  |
| Describe how the elements within the Periodic Table are organized by similar properties into families (highly reactive metals, less reactive metals, highly reactive nonmetals, and some almost completely non-reactive gases). |  |  |  |  |  |  |  |
| Illustrate the structure of molecules using models or drawings (water, carbon dioxide, table salt). |  |  |  |  |  |  |  |
| Describe examples of physical and chemical properties of elements and compounds (boiling point, density, color, conductivity, reactivity). |  |  |  |  |  |  |  |
| Identify evidence of chemical change through color, gas formation, solid formation, and temperature change. |  |  |  |  |  |  |  |
| Compare and contrast the chemical properties of a new substance with the original after a chemical change. |  |  |  |  |  |  |  |
| Describe the physical properties and chemical properties of the products and reactants in a chemical change. |  |  |  |  |  |  |  |