

The Periodic Table

The periodic table is a tabular arrangement of all known chemical elements, organized by increasing atomic number. Each element is placed in a specific location based on its atomic structure and chemical properties. Elements in the same column, called a group, have similar characteristics such as valency and reactivity. The rows are called periods and reflect the number of electron shells. Metals, nonmetals, and metalloids are distinctly categorized. The periodic table also includes transition metals, l...

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