THE MODERN PERIODIC TABLE

Trust Atoms **–** They Make up Everything

A Mini Project

**Abstract:**

The Periodic Table, or the Periodic Table of Elements, is a tabular arrangement of the Chemical Elements, ordered by their Atomic Number, Electron Configuration, and Recurring Chemical properties, whose structure shows Periodic Trends.

The Organization of the Periodic table can be used to derive the relationships between the various element properties, the predicted chemical properties and behaviors of undiscovered or newly synthesized elements.

Periodic Table provides information needed to balance a chemical reaction. The table tells an element’s atomic number, its atomic weight, etc.

Periodic tables can be used to predict properties of elements, even those that have not been discovered.

“NOTHING EXISTS EXCEPT ATOMS AND EMPTY SPACE; EVERYTHING ELSE IS OPINION”

This Project provides Instant Details of an Element like its Period, Group, Boiling Point, Melting Point, Ionic Radius, Covalent Radius, Density, Electronic Configuration etc.

The Modern Periodic table provides a useful framework for analyzing chemical reactions and continues to be widely used in chemistry, nuclear physics and other sciences.

This Project Uses Functions and other Modules to Read and Print the Info of an Element.

* **With this Project, I would like to build an alternative and efficient reference which would be useful for those who need quick Information of an Element.**