ATOMIC THEORY TEMPLATE

VISIT TIMELINE MAKER TEMPLATE

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- **1803** — Proposed Dalton's Atomic Theory, which stated that atoms are indivisible, indestructible, and combine to form compounds
- **1893** — Discovered the electron and proposed the Plum Pudding Model, suggesting a positively charged atom with embedded electrons
- **1909** — Conducted the Gold Foil Experiment, leading to the discovery of the atomic nucleus and proposing the Nuclear Model
- **1913** — Introduced the Bohr Model, which described electrons orbiting the nucleus in specific energy levels or shells
- **1926** — Formulated the Schrödinger Equation, which provided a mathematical description of the behavior of electrons
- **1932** — Discovered the neutron, revealing the existence of a neutral particle in the atomic nucleus
- **1961** — Proposed the concept of quarks, fundamental particles that make up protons and neutrons
- **1964** — Introduced the Eightfold Way and the concept of quark flavors, laying the foundation for the Standard Model of particles
- **1974** — Unified the electromagnetic and weak forces into the electroweak theory
- **1995** — Created the first Bose-Einstein condensate, a new state of matter composed of ultra-cold atoms
- **2012** — Theoretical prediction of the Higgs boson, confirmed by the discovery at the Large Hadron Collider