* Bohr was the first to theorize that electrons move around the nucleus in orbits rather than being mixed with the nucleus.
* Rutherford’s model was that protons and neutrons are together in the nucleus. Bohr thought of the electrons and said that they were similar to the solar system instead of gravity keeping the planets in place it the electrostatic forces that keep the electrons in place instead of being sucked toward the nucleus.
* He concluded the less energy the electron has the closer it was the nucleus and the more energy it had the further away it is.
* Electrons can jump from one energy level to other by absorbing or emitting energy.
* These jumps are called Quantum Leaps.
* Knowing about the leaps and the energy helped scientist understand why different elements have different properties and helped discover new elements on the periodic table.
* Bohr earned a noble prize in 1922 based on his work explaining what happens inside an atom and a picture of the atomic structure.