1911 - Ernest Rutherford and Hans Geiger discovered that electrons moved around the nucleus of the cells atom much like planets orbit the sun.

1913 - Niels Bohr discovered the electrons' orbits and that there were more electrons in the outer orbits than in the inner orbits. He also saw that radiation was emitted when an electron would jump from one orbit to another.

1919 - Ernest Rutherford discovered protons in the nucleus.

1914 - Henry Moseley labeled the elements with atomic numbers based upon the number of electrons in the atom rather than on their atomic mass.

1932 - James Chadwick discovered neutrons and identified isotopes.

1932 - J.D. Cockroft and Ernest T.S. Walton worked together in splitting the atom when working with lithium which they bombarded with protons. The lithium nucleus was divided into two helium nuclei.

1932 - Ernest O. Lawrence, Milton Stanley Livingston and Milton White worked on the first cyclotron at the university of California in ~~Ba~~ Berkeley.

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