

409The video explains the evolution of atomic models, starting with Democritus's 400 BC round sphere with no particles, followed by Dalton's 1803 solid sphere, Thomson's 1897 plum pudding model with embedded electrons, Rutherford's 1911 nucleus with positive charge, Bohr's 1913 quantized energy levels, and finally the modern atomic theory based on quantum mechanics, describing electrons surrounding a nucleus