

Half-life gizmo vocabulary



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BUSTER**

Daughter Atom A stable atom that results from the decay of a radioactive atom/isotope/atom. Radioactive Decay The process in which a radioactive

spontaneously releases particles and/or energy. ONHALF-LIFE GIZMO

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Now Geiger counter An instrument that detects the particles emitted by

decaying atoms. Half-life The time required for one of the radioactive atoms

in a sample to decay. Isotope One of several forms of the same element.

Neutron A particle with no charge located in the nucleus of an atom.

Radiation Energy in the form of waves or particles that is emitted from an object and travels through space or through a medium such as air in alpha

beta or gamma rays. Radioactive Capable of releasing radiation. Radiometric

dating A method of determining the age of material that is based on

measuring the proportions of radioactive atoms and daughter atoms in the material.