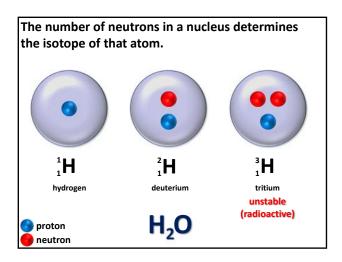
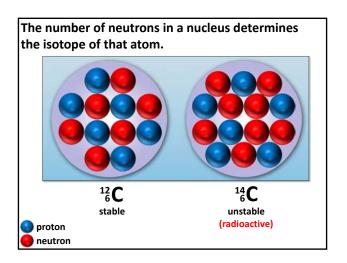
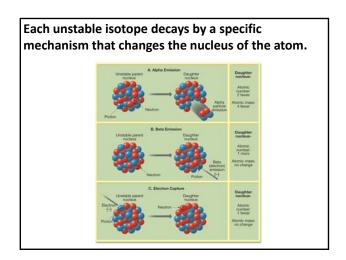
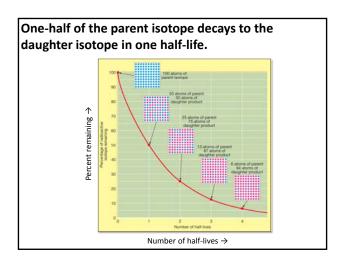
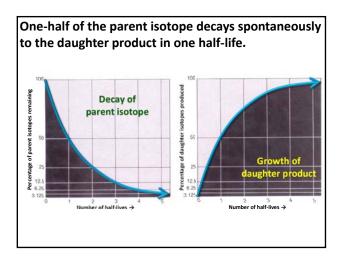
Isotopes 7 February 2017











The weak nuclear force defines the mechanism $(\alpha, \beta, \epsilon^- \text{ or } \gamma)$ and rate of decay (half-life) of unstable isotopes.