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Radioactive Decay: a sweet simulation of a half-life

Posted by [sat](#) on Sun, 2014-08-31 16:17

This online resource looks into the concept of radioactive decay.

The resource is a lesson that uses M&Ms or Skittles as a model to examine the rate of decay of unstable nuclei.

The lesson allows students to grasp the concept that the exact time a certain nuclei will decay cannot be predicted, but that the overall decay of the radioactive element in a solid can be predicted. A printable worksheet is linked to from the web page.

Students will need to be reminded not to eat in a school science lab. Alternatively, a classroom or café could be used for this activity.

Australian Curriculum v9 Codes: AC9S9U06 (Year 9)

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Radioactive decay

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