

➤ Radioactive Nuclei: Decay and Half-Life Demonstration

Activity	Imposter Demonstration	Demonstrator(s):	STEM ambassador(s)
Date		Venue:	
Event Organiser		Audience:	11 – 18-year-olds and their parents / carers/ teachers
Activity Description	This activity models the decay of radioactive nuclei and investigates the concept of half-life using sweets and cardboard boxes.		

Hazards	Control Measures
Allergies	The ambassador(s) will ask any attendees if there are any allergies that they should be aware of before the activity begins.
General hygiene	Hand wash stations should be available or the nearest handwash point be known. The ambassador(s) will wear gloves when distributing the sweets (skittles).
Slips, trips and falls	This activity requires movement. Ensure there is large enough area to perform the activity and there are no hazards nearby. Pick up any dropped items immediately. The ambassador(s) should emphasise the importance of being aware of your surroundings.

In addition to the above control measures, the following standard safety requirements should also be in place:

- Appropriate ventilation and hygiene facilities should be present.

Signature:

Print Name:

Date:

