

# ➤ Nuclear Energy: I'm in the middle of a (nuclear) Chain Reaction

<b>Activity</b>	Nuclear Energy: I'm in the middle of a (nuclear) Chain Reaction	<b>Demonstrator(s):</b>	STEM ambassador(s)
<b>Date</b>		<b>Venue:</b>	
<b>Event Organiser</b>		<b>Audience:</b>	5 – 18-year-olds and their parents / carers/ teachers
<b>Activity Description</b>	This activity gets the students to use balloons to simulate neutrons in a fission reaction.		

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 <b>particularly to the balloons.</b>
General hygiene	Hand wash stations should be available or the nearest handwash point be known, as several people will handle the items.
Slips, trips and falls	Good housekeeping to be maintained to remove potential trip, slip and fall risks. This activity requires movement. Ensure there is large enough area to perform the activity and there are no hazards nearby. The ambassador(s) should emphasise the importance of being aware of your surroundings.
Choking hazard-blowing up the balloons	It is at the ambassador(s)' discretion if the participant can blow up their own balloons. The ambassador(s) can pre-prepare the balloon, using a hand held pump if they so wish.

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.

**RISK**

Signature: .....

Print Name: .....

Date: .....

