

Risk Assessment Form

Equipment / Activity / Area being assessed	Gross Lab science show	Risk Assessment No	LE-27
Location	Theatre	COSHH assessment	
Who is exposed?	Staff and visitors		
Date of assessment	14 March 2024 Review 04.04.2025		
Assessor's name and job title	Rachael Bevan, Head of Learning and Inspiration		

Risk = Likelihood of injury x Severity of injury	R = L x S	Low risk = 0 – 6	Medium risk = 7 – 12	High risk = 13 – 25
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		S = Severity of injury					
		No injury or illness (0)	Minor injury or illness (1)	First aid injury or illness (2)	“3 day” injury or illness (3)	Major injury or illness (4)	Fatality, disabling injury, etc (5)
L = Likelihood of injury	Zero to very low (0)	0 = Low	0 = Low	0 = Low	0 = Low	0 = Low	0 = Low
	Very unlikely (1)	0 = Low	1 = Low	2 = Low	3 = Low	4 = Low	5 = Low
	Unlikely (2)	0 = Low	2 = Low	4 = Low	6 = Low	8 = Medium	10 = Medium
	Likely (3)	0 = Low	3 = Low	6 = Low	9 = Medium	12 = Medium	15 = High
	Very likely (4)	0 = Low	4 = Low	8 = Medium	12 = Medium	16 = High	20 = High
	Almost certain (5)	0 = Low	5 = Low	10 = Medium	15 = High	20 = High	25 = High

	Hazard	Control Measures already in place to control the risk	What additional Control Measures are required?	Risk rating (High, Medium, Low)	Completed/ Escalated to:
1	Poor housekeeping and general untidiness Slips, trips, and falls	Regular checks and quick tidy-ups of the space to be conducted daily by Enablers. Props and resources to be set up at a suitable distance from the audience and ensuring walkways are kept clear. Fire exits to be kept clear at all times. Any mess or damages that can't be tidied or repaired to be reported to the on-duty Technician. First aider on site at all times during museum opening hours.		L = 1 S = 1 R = 1	
2	Use of electrical equipment Shocks, burns	All equipment is PAT compliant and subject to annual testing. Only staff should operate the equipment. The AV cupboard is to be kept closed when not in use.		L = 1 S = 2 R = 2	
3	Stairs and foldable seats Trips, falls, misbehaviour	Annual PUWER inspections for seating Lights to be kept high while audience members find their seats. Audience will be asked to remain in their seats for the duration of the show. First aid kits and trained personnel will be available at all times.	Grown ups to remain in close supervision of the children in their care at all times. Enabler can stop the show if children run around or misbehave.	L = 2 S = 1 R = 2	

4	<p>Use of liquids</p> <p>Spills and slips; allergies</p> <p>Confusion over properties of each liquid and potential misuse</p>	<p>Any spillages to be cleaned up immediately.</p> <p>Gloves available for those who may be allergic to any ingredients being used.</p> <p>Liquids are decanted into clearly labelled jars</p> <p>Liquids to be decanted in the staff kitchen.</p>		<p>L = 2 S = 2 R = 4</p>	
5	<p>Scab demonstration – use of red tub, plastic balls, and umbrella</p> <p>Trips and falls; throwing the balls</p>	<p>Clear instructions are given to each volunteer.</p> <p>Volunteer is instructed to step carefully into the tub and not move once inside.</p> <p>Volunteers with the balls are instructed to gently throw them into the tub and not at the volunteer in the tub.</p> <p>Balls that missed the tub to be collected and returned by the volunteers before sitting down.</p> <p>Light, small plastic balls used to minimise risk.</p> <p>The Enabler will remove the equipment from the volunteers if they misbehave.</p>		<p>L = 2 S = 1 R = 2</p>	
6	<p>Burps demonstration – chemical reaction</p> <p>Projectile injury; allergic reaction; spills</p>	<p>Only staff trained to do this demonstration will perform it.</p> <p>The film canister must be handled and placed over the table.</p> <p>Enabler steps back as soon as the lid is placed back on.</p> <p>Small film canisters are used to minimise injury should they fall over the audience.</p> <p>Blue roll and wipes are kept on the table to clean up spillages.</p>		<p>L = 2 S = 2 R = 4</p>	

7	Snot cannon demonstration Projectile injury; misuse of air cannon could trap fingers	Projectiles used are small and light (synthetic wool pompoms of various sizes) so as to cause no injury. The Enabler will remove the equipment from the volunteers if they misbehave.		L = 2 S = 1 R = 2	
8	Use of UV gel	Non-toxic gel used. Wipes are available for all those who handle the equipment with the gel on it.		L = 1 S = 1 R = 1	
9	Unsupervised room	The theatre space will be locked and inaccessible to the public when not in use. Show resources should be stored away when not in use.		L = 1 S = 2 R = 2	

Sign-off of risk assessment

Review by Line Manager (Name, job title and date)	D Parsley facilities manager 19/11/25
Next Review date	19/11/26