EUREKA! SCIENCE + DISCOVERY

Risk Assessment Form

Equipment / Activity / Area being assessed	Senses Science Show	Risk Assessment No	LE-38
Location	Theatre	COSHH assessment	
Who is exposed?	School groups, staff		
Date of assessment	19 August 2024		
Assessor's name and job title	Franco Ferrari-Accardi, STEM Learning Manager		

Risk = Likelihood of injury x Severity of injury	R = L x S	Low risk = 0 – 6	Medium risk = 7 – 12	High risk = 13 – 25

		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. Any mess or damages that can't be tidied or repaired to be reported to the Facilities Manager and/or Technicians. First aider on site at all times during museum opening hours.		L = 3 S = 1 R = 3	
2	Optical illusions Headache, dizziness	Enabler tells the audience that the next slides might make their eyes feel strange and they can close them if they don't like it.		L = 0 S = 1 R = 0	
3	Sound instruments Loud noises	Enabler will tell the audience that they are about to make some noises with the instruments to minimise shock.		L = 2 S = 1 R = 2	
4	Smell demonstration Nausea from bad smell	Enabler warns volunteers that one of the jars has a bad smell. Enabler will handle the jar so they can remove it quickly if needed.		L = 1 S = 1 R = 1	

5	Touch demonstration – freestanding plinths and boxes. Trips and falls; cuts	Enabler ensures the demonstration area is clear of any obstruction and the volunteer is in the correct position before placing the blindfold. No sharp objects are used in the mystery boxes. Boxes have hinged lids to stop them from being knocked or pushed off when children put their hands in. Plinths have been designed to be child height to minimise stretching or leaning to access them. Boxes are made from recycled vinyl material that is lightweight to minimise injury if fingers were to get trapped. Boxes have a lock mechanism that only the Enabler can operate to reduce the risk of boxes opening and closing on children's hands.		L = 1 S = 2 R = 2	
6	Audience misbehaviour	Enabler pauses the show in the event of misbehaviour and will only resume once they are happy the audience is settled.		L = 2 S = 1 R = 2	
7	Sensory overload Bright lights, loud noises, smells, textures, lots of people	The audience will be informed about the noise and smells so that they can take precautions. Keep music and sound effects at a reasonable volume. Keep access and exit routes clear in case anyone needs to leave the room at any time. Use simple and clear language in the presentation.		L = 2 S = 1 R = 2	
8	Enablers not being aware of or adhering to any of the above measures	All Enablers who deliver this show receive appropriate training and are asked to read and sign this risk assessment.		L = 2 S = 2 R = 4	

Sign-off of risk assessment

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