

Equipment / Activity / Area being assessed	From the Chew to the Poo science show	Risk Assessment No	P&L 03
Location	In Eureka! Theatre, Imagination Space or 1855 offices	COSHH assessment	Washing up liquid
Who is exposed?	School groups, Eureka! staff		
Date of assessment	Reviewed & Updated December 2023 (no changes necessary)		
Assessor's name and job title	Jenny Parker – Play & 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
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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	General room set up: Trailing cables and props on tables could present trip hazard to both presenter & volunteers	Any scenery, props and resources to be set up to minimise hazards and placed at suitable distance from the audience. Fire exits to be kept clear at all times. First aider on site at all times during museum opening hours.	Parents/guardians/teachers to remain in close supervision of the children in their care at all times. Volunteers to be guided around any trip hazards present when making their way up to stage. Volunteers to be given clear instruction by the Enabler doing the demonstration.	L = 3 S = 2 R = 6 Low risk	P&L Team/Duty VSM

2	Electric shock from electrical equipment	All Eureka! equipment to be PAT tested regularly. Extension leads & multi-adaptors – use of these should be kept to a minimum, connecting each appliance directly to a wall socket whenever possible. Extension leads must be full unwound prior to use, otherwise overheating can occur. Extension leads must never be daisy chained.		L = 1 S = 5 R = 5 Low risk	P&L Team/ Duty Tech
3	Unsupervised room – visitors accessing equipment & causing themselves or others harm	Imagination Space – door must be locked at all unstaffed times Theatre – both doors must be locked at all unstaffed times. High risk items to be stored in projection room during break periods. Overnight, equipment should be packed away and stored in the projection room.	All staff to be vigilant in making sure Imagination Space & Theatre doors are locked when room not staffed. To be checked by Duty VSM daily.	L = 2 S = 2 R = 4 Low risk	P&L Team/Duty VSM
4	Use of 1855 ground floor offices: • Hot radiators • Heavy doors	Sit down & watch activity so children shouldn't be given opportunity to get close to radiators. Enablers/teachers to hold open heavy doors.	Parents/guardians/teachers to remain in close supervision of the children in their care at all times.	L = 2 S = 4 R = 8 Medium Risk	P&L Team/Duty VSM
5	Slips caused by spilt liquids	Any spillages to be cleaned up at first available opportunity.		L = 2 S = 2 R = 4 Low risk	P&L Team/ Duty VSM
4	Vinegar splashes in eye during 'burp' demo	Ensure audience maintains an appropriate safe distance from the demonstration area when carrying out such experiments. Enabler to also stand well back.	Teachers to remain in close supervision of the children in their care at all times. First aider on site at all times during museum opening hours.	L = 2 S = 2 R = 4 Low risk	P&L Team/ Duty VSM
6	Minor injuries caused by using knife and/or potato masher during 'functions of teeth' demo	Knife used is not sharp and Enabler will be only person using it.	First aider on site at all times during museum opening hours.	L = 1 S = 2 R = 2 Low risk	P&L Team/ Duty VSM

7	COSHH substances – washing up liquid	Copies of safety data sheets kept in master file	Copies of safety data sheets & RA kept in folder in box with all workshop resources	L = 1 S = 2 R = 2 Low risk	P&L Team/ Duty VSM
8	Unidentified bottles of liquid – some of the demos use household substances to represent different things e.g. vinegar = stomach acids. Could lead to confusion if left unattended	All bottles to have correct label on back showing actual contents as opposed to just the prop name. Bottles to be placed in workshop storage box in between shows – not left out on the table or in the green room		L = 1 S = 2 R = 2 Low risk	P&L Team/ Duty VSM
9	Enablers not being aware or adhering to any of the above control measures	All Enablers who deliver this show receive appropriate training & are asked to read & sign this risk assessment	Signed copy of risk assessment kept in P&L team folder in office	L = 2 S = 2 R = 4 Low Risk	P&L Team

Sign-off of risk assessment

Review by Line Manager (Name, job title and date)	Jenny Parker, P&L Manager, Dec 2023
Review by Operations Team on:	Andy Orr, Operations Director, Dec 2023
Next Review date:	Dec 2024

Signed by members of the delivery team:

Name	Signature	Date