

<b>Equipment / Activity / Area being assessed</b>	From the Chew to the Poo science show	<b>Risk Assessment No</b>	ED – I116
<b>Location</b>	At Eureka! or in schools/festivals	<b>COSHH assessment</b>	Washing up liquid
<b>Who is exposed?</b>	School groups, general public, Eureka! staff		
<b>Date of assessment</b>	July 2018		
<b>Assessor's name and job title</b>	Jenny Parker, Play & Learning Manager		

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

	<b>Hazard</b>	<b>Control Measures already in place to control the risk</b>	<b>What additional Control Measures are required?</b>	<b>Risk rating (High, Medium, Low)</b>	<b>Completed/ Escalated to:</b>
1	General room set up: Trailing cables from computer and props on tables could present trip hazard.	Those stated in Electrical RA & General Electrical Precautions risk assessment 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.	L = 1 S = 1 R = 1 Low risk	P&L Team/ Duty Manager/Duty VSAM
2	Electric shock from electrical equipment (laptop, projector)	All equipment to be PAT tested before use Only Eureka! staff to operate any electrical equipment & to remain in close supervision of demos at all times		L = 1 S = 2 R = 2 Low risk	P&L Team/ Duty Manager/Duty Tech

3	Slips caused by spilt liquids	Any spillages to be cleaned up immediately		L = 2 S = 2 R = 4 Low risk	P&L Team/ Duty Manager/Duty VSAM
4	Vinegar splashes in eye during 'burp' demo	Ensure audience maintains an appropriate safe distance from the demonstration area when carrying out such experiments. Presenters to also stand well back.	Parents/guardians/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 Manager/Duty VSAM
5	Minor injuries caused by using knife and/or potato masher during 'functions of teeth' demo	Knife used is not sharp. Children shown how to use any equipment correctly.	First aider on site at all times during museum opening hours.	L = 1 S = 2 R = 2 Low risk	P&L Team/ Duty Manager/Duty VSAM
6	COSHH substances	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 Manager/Duty VSAM
7	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 = 2 S = 1 R = 2 Low risk	P&L Team/ Duty Manager/Duty VSAM
8	Unsupervised room	Imagination Space – door must be locked at all unstaffed times Theatre – both doors must be locked at all unstaffed times. Items to be stored in lockable science trolley during break periods. Overnight, equipment should be packed away and returned to green room.	All staff to be vigilant in making sure Imagination Space & Theatre doors are locked when room not staffed.	L = 2 S = 2 R = 4 Low risk	P&L Team/ Duty Manager/Duty VSAM

### Sign-off of risk assessment

<b>Reviewed by Operations Team on:</b>	
<b>Next Review date:</b>	Next time activity happens again

**Signed by members of the delivery team:**

<b>Name</b>	<b>Signature</b>	<b>Date</b>