

Risk assessment – Kit Loan: Crime Scene Science

Risk assessment last reviewed	Name: Matthew Page			Severity (S)	Likelihood (L)	Risk rating (S x L)
	Job Title: Education Outreach Officer					
	Signature: 	Date: 21/08/2026				
Risk assessment last approved	Name: Lucinda Offer					
	Job Title: Head of Science Communication					
	Signature: 	Date: 30/09/26				
Date of next review	August 2027					
			1	Little or no harm/ Negligible impact	Unlikely	1-5 Low
			2	First aid on site/ Minor impact	Possible	6-10 Medium
			3	Qualified medical attention/ Moderate impact	Probable	
			4	Hospitalisation/ Serious impact requiring external agency involvement	Likely	10+ High
			5	Death or irreparable injury/ Life-changing impact	Certain	
Hazard	Risk	Control measures	(S)	(L)	Risk rating*	
Water spillage	ALL Spills of water might lead to slips and falls	- Children should be advised to take care pouring water - Absorbent towel or sponge should be kept available for spills	2	1	2	
Use of materials	Participants Allergic reactions	- Small quantities used - Children should be advised not to eat anything - All materials identified (“mystery” powder is one of the known powders)	2	1	2	

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		- Children with sensitivities to specific ingredients should not touch the powders and can wear gloves if deemed necessary by staff running the activity - Hand washing facilities should be available nearby			
	Participants Irritation of eyes	- Eye wash bottles are included with equipment - Iodine purchased in lowest possible concentration and further diluted before use – classed as “low hazard”	2	1	2
Chemical reactions	All Overproduction of carbon dioxide could lead to faintness	Very small quantities of vinegar and sodium bicarbonate are used, so only small quantities of carbon dioxide could be evolved	2	1	2

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