

Risk assessment – Joining Forces

Risk assessment last reviewed	Name: Matthew Page				Severity (S)	Likelihood (L)	Risk rating (S x L)	
	Job Title: Education Outreach Officer							
	Signature: 	Date: 07/08/2026						
Risk assessment last approved	Name: Lucinda Offer, Head of Science Communication				Severity (S)	Likelihood (L)	Risk rating (S x L)	
	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*
Use of skateboard	Volunteer Fall	When asking for a volunteer, make sure they are comfortable with standing on a skateboard. Presenter will stay beside the skateboard to offer stability	2	1	2
Pulling volunteers across floor	Volunteer Friction burns	Choose volunteer wearing suitable clothing (i.e. no bare legs), ensure volunteer has good grip on rope, don't pull too hard or too quickly	2	1	2
	Volunteer Embarrassment	Choose volunteer wearing suitable clothing (i.e. no short skirts or shorts)	1	1	1
Dropping water-filled ball	Audience Impact	Ensure safe distance between drop and audience	1	1	1
	All	Blue roll available to mop up excess spillage	2	1	2

Please use this risk assessment in conjunction with your own prior assessments and dynamic management of risk.

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	Slips or falls from water spillage				
Use of canister rocket	Presenter Impact	Presenter should never put their head over the film canister once “armed”	3	1	3
	Volunteers Impact	Presenter will give clear instruction that volunteers step well away from canisters after assembly	3	1	3
Electromagnet Tug-o-war	Volunteers Fall	- Presenter will set up rope and give clear instruction that volunteers are to pull straight. - Only an appropriate number of volunteers will be chosen	2	3	6
Use of collapsible bridge	Volunteer, Presenter Fall, collapse of bridge	- Presenter trained on safe construction of bridge - Presenter to advise volunteer how to stand safely on bridge - Presenter to help volunteer on to bridge, and stay close to stop or slow fall	2	3	6
Use of egg	Volunteer, Presenter Cuts if egg crushed by accident	- Presenter to check eggs for cracks of apparent weakness before show - Presenter trained how to fail to crush an egg - Volunteer advised how to attempt crushing of egg - Volunteer monitored to ensure they do not move grip to crush egg	2	1	2
	Volunteer, Audience Allergic reaction	- Presenter to ensure it is clear a real egg is being used Presenter not to perform demonstration if allergic - Egg dropped in to clear container safe distance from audience	4	1	4

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