

Risk Assessment – Inventing Isobel

Creator/Reviewer of Risk Assessment	Name Ian Snell
	Signature 
Next Review Date	September 2022

Severity	Likelihood	Risk Rating* (S x L)
1 No or Little Harm	1 Unlikely	1-5 Low
2 Minor/First Aid	2 Possible	6-10 Medium
3 Medical Attention	3 Probable	10+ High
4 Hospitalisation	4 Likely	
5 Death/Irreparable Injury	5 Certain	

Science Oxford Risk Assessment			Severity	Likelihood	Risk Rating*
Hazard	Risk	Control Measures			
Water spillage	Everyone Spills of water might lead to slips and falls	Presenter to be careful with water, and have blue roll on hand to wipe up spills on floor	2	2	4
Use of equipment	Everyone Sharp ends of "naked" umbrella poked in eye	Ends of broken umbrella spokes either covered or wrapped in masking tape Umbrella carefully handed to volunteer, and then held together	2	2	4
Use of gas burner	Venue, everyone Risk of fire	<ul style="list-style-type: none"> Ensure burner is on heat proof mat and stable. Only presenter to be anywhere near table at all times. Objects to be held whilst above flame, never left unattended. Burner to be left to cool down after use. Fuel may have leaked during transit; room may need some ventilation 	5	1	5
	Everyone Toxic fumes from burning plastic	<ul style="list-style-type: none"> Small amount of plastic only Plastic held in tongs carefully over flame Not to be performed in small or poorly ventilated room 	2	2	4
	Presenter Burns	<ul style="list-style-type: none"> All objects are held using tongs over the flame for a very short time. Only small objects are used and are held over a heat-proof mat 	2	2	4
Dropping objects	Audience Objects rolling/bouncing in to audience	All objects dropped away from audience	2	1	2
	Audience Choking hazard from small objects	Hands-on section not to be done with under 4s; adults in room asked to help supervise for 4/5 year olds	5	1	5
	Everyone Allergic reaction to egg	Presenter not to perform demonstration if allergic Egg dropped in to separate container, and audience not to touch	4	1	4

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

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Hazard	Risk	Control Measures			
Exposure to disease (such as COVID-19)	All Surface transmission from equipment	<ul style="list-style-type: none"> Presenter to clean hands before and after handling any equipment Audience asked to arrive having cleaned hands Equipment handled by volunteer isolated for 72 hours before and after use (or thoroughly cleaned if necessary) Hands-on equipment boxes isolated for 72 hours before and after use, opened by presenter in advance, and placed in well-chosen location. One box per audience member <ul style="list-style-type: none"> Maximum 30 (or 60) per show, 60 every 72 hours Audience to collect boxes, and leave on floor at end of show Audience asked to clean hands after show 	3	2	6
	All Person to person transmission	<ul style="list-style-type: none"> Presenter to remain 2m from audience Umbrella demonstration to use only a single volunteer Volunteer to be guided from distance and work with presenter at 2m School staff to distribute boxes, and leave on floor at end of show 	3	2	6

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