



Science Boffins
 Devonshire House
 Manor Way
 Borehamwood WD6 1QQ
 T: 020 8953 5566
 E: admin@ScienceBoffins.com
 www.ScienceBoffins.co.uk

RISK ASSESSMENT

Event: Assembly 2

Date:

Likelihood: how likely is it that the harm presented by the hazard will actually occur?	Severity: what impact or damage could the harm presented by the hazard have on a person or persons?
High (3): Harm is certain, or near certain, to occur	High (3): Death or major injury
Medium (2): Harm will often occur	Medium (2): 7 day injury or illness
Low (1): Harm will seldom occur	Low (1): All other injuries or illnesses

Risk rating: Once the likelihood and severity have been determined, the risk can be calculated as shown below:

	Likelihood		
Severity	3	2	1
3	High	High	Medium
2	High	High	Medium
1	Low	Low	Low

Hazard	People affected	Risk Rating (L x S = R)			Control Measures	Residual Risk Rating (L x S = R)		
Dragon's breathe	Assessor: Dan Simons				Date: 08/08/2018			
Fireball injures somebody in the audience	Audience	L	H	M	Boffin only to carry out the Dragon's breathe in the direction of safety	L	L	L
Eggward	Assessor: DGH				Date: 18/02/2015			
No known hazard		L	L	L		L	L	L
Flash Paper	Assessor: GDA				Date: 05/03/2015			
Unauthorised person may gain access to Flash Paper	Chlidren	L	L	L	Ensure that Flash Paer is not left on full view when not in use	L	L	L
Children and equipment getting burnt	All	L	M	M	Make sure the boffin has a clear space	L	L	L
Genie in a Bottle	Assessor: DGH				Date: 05/03/2015			
Cuts from broken glass	People nearby	M	L	L	Keep people away from area until cleaning is complete	L	L	L

Hazard	People affected	Risk Rating (L x S = R)			Control Measures	Residual Risk Rating (L x S = R)		
Piezo Popper	Assessor: DGH				Date: 21/04/2015			
Canister could hit a member of the audience	Audience	L	L	L	Canister must never be pointed at anyone	L	L	L
Hot canister could burn a hand if retrieved carelessly	Audience	M	L	L	Warn audience not to touch canister. Presenter to retrieve with care	L	L	L
Consumption of material or contamination in eyes	Young people	L	L	L	Warn them not to eat it nor put it near their eyes	L	L	L
Flash Back could burn a hand	Presenter	L	M	M	Presenter must wear a work glove on the hand holding the canister end	L	L	L
Electric Shock (Harmless - Very low amps)	Presenter	L	L	L	Do not hold apparatus too close to the canister. Holding it further back will ensure that the wire sleeve insulates the electric charge.	L	L	L

Water into Wine	Assessor: DGH				Date: 05/03/2015			
Phenolphthalein		L	M	M	Highly irritating to digestive system, do not ingest, wash hands after use and if possible wear gloves - Irritant to eyes and skin			
Slip caused by water spillage	Anyone present	L	L	L	Any spilt water must be wiped up immediately	L	L	L