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RISK ASSESSMENT

Event: Space-Tacular Universe Workshop

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)		
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Bubble Solar System	Assessor: DGH				Date: 15/03/2016			
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Bubble mixture will sting eyes	Audience	L	L	L	Warn the children not to touch the bubble mixture with their hands. Ensure that bubble mixture remains on the table touched only by the straws.	L	L	L
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Centripetal Force	Assessor: Dsimons				Date: 22/10/2017			
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Spillage of water - slip hazard	Presenter	L	L	L	Dispose of water after use	L	L	L
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Make a Comet	Assessor: D Simons				Date: 22/10/2017			
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Bleach	Audience and Presenter	L	H	M	Irritant to skin and eyes, wear gloves and safety glasses	L	M	M
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Dry ice can quickly sublime into CO2 which can reduce oxygen levels causing drowsiness	Audience and Presenter	L	H	M	A presentation in a small room must have adequate ventilation. In the event of drowsiness evacuate everyone to another area or outside. Open windows and ventilate room or move dry ice to a ventilated space	L	L	L
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Can cause dry ice burns	Audience and Presenter	L	L	L	Eye protection and work gloves must be worn by anyone within 1 M of the dry ice unless dry ice is under water	L	L	L
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Planets of the Solar System	Assessor: Dsimons				Date: 22/10/2017			
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No known hazard		L	L	L		L	L	L
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Hazard	People affected	Risk Rating (L x S = R)			Control Measures	Residual Risk Rating (L x S = R)		
Plasma Ball Fire and Lightning	Assessor: DGH				Date: 15/03/2016			
Breakage of Plasma Ball glass	Presenter and people nearby	L	M	M	Take care Plasma Ball is not knocked over. In the event of breakage, all glass must be swept up and wrapped in several layers of newspaper and safely disposed appropriate bin or by other secure and safe method	L	L	L
Cuts from broken glass	People nearby	M	L	L	Keep people away from area until cleaning is complete	L	L	L
Trip Hazard	Audience and Presenter	L	M	M	Ensure no wires cross pathways where they may cause a trip hazard. Otherwise all wires must be taped down.	L	L	L
Unauthorised person may gain access to Flash Paper	Children	L	L	L	Ensure that Flash Paer is not left on full view when not in use	L	L	L

Plasma Ball Strip Lights	Assessor: DGH				Date: 15/03/2016			
Breakage of Fluorescent tube glass	Presenter and people nearby	L	M	M	Take care fluorescent tube is not knocked. In the event of breakage, all glass must be swept up and wrapped in several layers of newspaper and safely disposed appropriate bin or by other secure and safe method	L	L	L
Cuts from broken glass	People nearby	M	L	L	Keep people away from area until cleaning is complete	L	L	L
Breakage of Plasma Ball glass	Presenter and people nearby	L	M	M	Take care Plasma Ball is not knocked over. In the event of breakage, all glass must be swept up and wrapped in several layers of newspaper and safely disposed appropriate bin or by other secure and safe method	L	L	L

Star Dust	Assessor: DGH				Date: 15/03/2016			
Smoke Alarm is set off	Everyone in the building	L	L	L	Ensure that any smoke alarm is disarmed if smoke is being used	L	L	L

Hazard	People affected	Risk Rating (L x S = R)			Control Measures	Residual Risk Rating (L x S = R)		
Walk the Solar System	Assessor: Dsimons				Date: 22/10/2017			
No known hazard		L	L	L		L	L	L