

# Creative Space Science CIC Activity Safety Risk Assessment Form



<b>Activity name: MOBILE PLANETARIUM</b>	<b>Assessor's name: Mrs Melanie Davies</b>	<b>Position: Science Director</b>
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<b>Assessment ref:</b>	2019/20 Planetarium Shows	<b>Date of assessment:</b>	31.07.2019	<b>Date of review of assessment:</b>	31.07.2020
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PERSONS AT RISK ( <i>italics indicate all that apply</i> )						RISK RATING TABLE		
Employees	A	Visitors	D	Expectant Nursing Mothers	G	LIKELIHOOD OF OCCURRENCE	SEVERITY	
New Employees	B	General Public	E	Others (please specify below)	H		1 NEGLIGIBLE	2 MODERATE
Contractors	C	Young Persons	F	Volunteers		1 UNLIKELY	LOW (A)	LOW
						2 POSSIBLE	LOW	MEDIUM
<b>Approximate number of people risk assessment applies to:</b>						3 VERY LIKELY	MEDIUM	HIGH (U)

Key: **Low (A)**  
**Acceptable**

**High (U) Unacceptable**

Identified hazards (likelihood of occurrence)	Affected groups (severity)	Existing control measures	Risk rating	Additional controls	Level of remaining risk
Trip hazards (2)	All visitors to the planetarium (1)	Safety talk before entering dome	2 x 1: Low	Employees/volunteers overseeing visitors to the planetarium on entry and exit. All potential trip hazards taped down or clearly explained.	Low (A)
Motion sickness/dizziness (1)	All visitors to the planetarium (1)	Warning given at start of show re. moving projected images inside dome	1 x 1: Low (A)	Advice given by employees/volunteers to close/cover eyes until images become still	Low (A)

Identified hazards (likelihood of occurrence)	Affected groups (severity)	Existing control measures	Risk rating	Additional controls	Level of remaining risk
Fire hazard (1)	All visitors to the planetarium (2)	High power electrical equipment is run through RCD cable reel with thermal overload cutout. Dome cloth is fire retardant.	1 x 2: Low	Employees/volunteers locate fire exits and assembly points prior to show start and give clear instructions in the event of alarm sounding	Low (A)
Electric shock (1)	All visitors to the planetarium (2)	All electrical equipment is PAT tested annually	1 x 2: Low	All cables and equipment visually checked at every event. Advice given by employees/volunteers to avoid contact with high power equipment where possible. Low power LED lighting used inside planetarium.	Low (A)
Claustrophobia (2)	All visitors to the planetarium (1)	Warning given before entering dome, option given to remain outside	2 x 1: Low	Employees/volunteers allow swift exit if necessary	Low (A)
Scotophobia (fear of darkness) (2)	All visitors to the planetarium (1)	Warning given before entering dome, option given to remain outside	2 x 1: Low	Employees/volunteers advise of low light level when inside the dome, likening the experience to being at the cinema to reduce potential anxiety	Low (A)