

Risk Assessment /Risk control - The Observatory Science Centre Herstmonceux

Activity	LOCKS TEAM CHALLENGE
Area	Geodesic Domes or Science Station
Who is at risk?	Employees, public, volunteers, visitors

Compiled by (print) Sandra Voss (sign) _____

Hazard Identified	Likelihood (L,M,H)	Severity (L,M,H)	Risk (L,M,H)	Workplace precaution(s)	Requirements for risk control systems	Review Required If:
Floors – Slips, trips and falls	L	M	M	Ensure that all floors are dry and not slippery before the challenge begins	Slippery floor safety signs when necessary Mop and dry any wet areas	
Locks – trapped fingers Cuts and bruise if used as a missile	L L	L M	L M		SAFETY TALK The challenge will be immediately stopped if any actions carried out by participants are deemed unsafe by the supervisor.	

Likelihood: The chance of the hazard or event actually occurring during the life of the exhibit.	
High (H):	Could happen frequently
Medium (M):	Could happen occasionally
Low (L):	Could happen, but only rarely

Severity: The extent of the harm (injury or ill health) should the hazard occur.	
High (H):	Irreversible injury
Medium (M):	Reversible injury requiring a week to recover
Low (L):	Negligable injury requiring First Aid

Risk Rating: Once the likelihood & severity have been determined, the risk is calculated as follows:			
	Likelihood		
Severity	H	M	L
H	High	High	Medium
M	High	High	Medium
L	Medium	Medium	Low

Risk Assessment

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Description of activity
<p>The Locks team challenge is a supervised group activity against the clock.</p> <p>Groups of children must be accompanied by own teacher / parent / helper and a member of Science Centre staff.</p> <p>The challenge commences with a safety talk. Any actions deemed unsafe by the supervisor will lead to the challenge being stopped. The activity will only recommence once the supervisor is happy that the activity can and will proceed safely.</p> <p>Using pencil and paper, students work out a code then use the information from the code to open the locks. The fastest time or the highest number of locks opened wins.</p>

Risk assessment is a simple process that must be applied to show that all identified risks have been eliminated or minimised to an acceptable level.

Any risk identified during a regular review of the activity for example, during its design development, any testing or prototyping, manufacture of parts, installation, operation, maintenance, should be recorded on the risk assessment form. All actions taken should be recorded to illustrate that this risk has been reduced to a minimum.
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