

Risk Assessment /Risk control - The Observatory Science Centre Herstmonceux

Activity	TOWER OF HANOI TEAM CHALLENGE
Area	Geodesic Domes, 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	
Carrying out activity – trapped fingers	L	L	L		SAFETY TALK. The challenge will be immediately stopped if any actions carried out by participants are deemed unsafe by the supervisor.	
Cuts and bruises if small plastic drain covers used as missiles	L	L	L			

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:

Severity	Likelihood		
	H	M	L
H	High	High	Medium
M	High	High	Medium
L	Medium	Medium	Low

Risk Assessment

Activity	TOWER OF HANOI TEAM CHALLENGE
Area	Geodesic Domes, Science Station, Telescope Domes (A or C)

<p>Description of activity</p> <p>The Tower of Hanoi team challenge is a supervised group activity against the clock. If the activity does not take place in one of the geodesic domes or the science station, the activity can take place in one of 2 telescope domes. Dome A houses one permanently fixed large historic telescope (The Thompson 30-inch) and Dome C one permanently fixed large historic telescope (The Hewiitt Camera) and one 16-inch moveable modern telescope.</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>Students are given some time to work out how to complete this logical math puzzle. They are given 4, numbered small plastic drain covers with which to do the challenge. It should take 15 moves to complete and the fastest time 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.