

## Risk Assessment

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|-----------------|-----------------|
| <b>Activity</b> | TELESCOPE TOUR  |
| <b>Area</b>     | TELESCOPE DOMES |

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| <p><b>Description of activity</b></p> <p>The telescope tour is a supervised group activity</p> <p>Groups of children are accompanied by own teacher / parent / helpers and a member of Science Centre staff.</p> <p>The group is led and escorted by a member of Science Centre staff throughout.</p> <p>Safety, with regard to walking along pathways, using stairs single file etc, is reinforced throughout.</p> <p>Telescope domes are quite dimly lit and this is also pointed out to the group and used as an example of adapting for 'night vision'</p> <p>Children may be able to view through a small modern telescope, but only to read a fixed sign and never left unaccompanied with the telescope for risk of the sun. The dangers of the sun in connection with telescopes, magnifying glasses and binoculars, are mentioned during the 45 minutes telescope tour.</p> |
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| <p><b>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.</b></p> |
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| <p>Any risk identified during a regular review of the exhibit 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</p> |
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# Risk Assessment

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|-----------------------|---|
| <b>Activity</b>       | TELESCOPE TOUR                          |
| <b>Area</b>           | TELESCOPE DOMES                         |
| <b>Who is at risk</b> | 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:              |
|--|--------------------|------------------|--------------|---|---------------------------------------|----------------------------------|
| <b>Uneven paths, raised walkways, steps</b> - Slips, Trips and Falls | L                  | M                | <b>M</b>     | See separate risk assessment Coach park, site, pond                           |                                       |                                  |
| <b>Walking into things in dimly lit domes</b> - Cuts and bruises     | L                  | L                | <b>L</b>     | Maintain major areas obstacle free<br>Raise Yapp telescope out of head height | Safety talk                           |                                  |
| <b>Dome A narrow flight of stairs</b> - slips trips and falls        | L                  | M                | <b>M</b>     | Make sure the stairway is adequately lit                                      | Safety talk                           |                                  |
| <b>Moving step ladders in Dome E</b> – falls                         | L                  | L                | <b>L</b>     | Make sure steps are securely folded away                                      | Rope fitted around steps              | Method of securing steps changes |
|  |                    |                  |              |   |                                       |                                  |
|  |                    |                  |              |   |                                       |                                  |

**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): Negligible 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    |