

<b>Assessment of:</b>	Prehistoric Campfire	<b>Location:</b>	Mount Cook
<b>Completed by:</b>	Bernard Müller	<b>Date of assessment:</b>	December 2023
<b>Reviewed by:</b>	James Clarke	<b>Next Review Date:</b>	February 2026
<b>Ratio:</b>	1:24 Max and Min 1 Group Leader	<b>Staff Competencies</b>	Bush craft for practitioners or in house trained and signed off by Activity Manager.
<b>Activities covered:</b>	Resin Glue Creation and Application- Evening Campfire; Bow Drill and Hand Drill – Evening Campfire		

<b>Hazard</b> <i>(something with potential to cause harm)</i>	<b>Risk</b> <i>(How could hazard cause harm and to whom)</i>	<b>Control Measures</b> <i>(What is required to reduce risk)</i>	<b>In place</b> <i>(Y/N)</i>	<b>Action Required</b>	<b>Action Owner</b>	<b>Residual Risk</b> <i>(low / medium / high)</i>
Nest Ignition	<b>To All:</b> Smoke inhalation  Fire Spread  Burns	Clear briefing for observer and participant handling of the Nest. 1:1 ratio for blowing Nest into flame. Nests to be blown into flame only outside round house. Ignited Nests only to be transported by instructors. Clear exclusion zone for igniting nests only.	Y	Clear briefing. Designated nest ignition site.	Activity Staff.	LOW
Fire Spread from tinder	<b>To All:</b> Fire Spread	Tinder only lit on cleared ground or cakes. Whilst in roundhouse, tinder lit exclusively on cakes and disposed of immediately after use in fire pit.	Y	Clear briefing. Designated tinder disposal site/ Container	Activity Staff	LOW

Low = Slight injury or minor ill health / It is highly unlikely that the harm would occur

Medium = Serious Injuries or significant health effects / There is a likelihood that harm may occur;

High = Death, major injury (RIDDOR) or irreversible health damage / There is a high likelihood that harm will occur.

	Burns from “forgotten” tinder					
Bow Drill Spindles	<b>To Instructors; Participants:</b> Limbs impaled. Cuts	Spindles are bedded in by instructors pre session. Instructors to provide hands on assistance where required	Y	Clear briefing. Materials prepared before sessions	Activity Staff	LOW
Hand Drill Spindles	<b>To Instructor:</b> Blisters	Group spindle method to be used. Only worn spindles to be used with groups	Y	Clear briefing.	Activity Staff	LOW
Tool use	<b>To All:</b> Cuts, lacerations and puncture wounds.	Only instructors to carry/ use cutting tools. All tools to be put in exclusion zone that is clearly defined in briefing. Tools must be kept visible if not in a locked box. Knives must be worn by instructors on exterior sheaths when used. Knife safety to be observed and knives/ axes sheathed immediately after every action.	Y	Tool use training for instructors, logged on Cinolla  Tool safety observed.  Clear briefing	Activity Staff.  Activity Manager	LOW
Flint and Steel. Swedish Firesteel strikers.	<b>To All:</b> Cuts, bruises to fingers and knuckles	Thorough briefing from instructors. Traditional flint and steel ratio of 1:3. Close supervision of back bar placement. Large Flint pieces for participants	Y	Good quality flint used.  Clear Briefing	Activity Staff  Activity Manager	LOW
Smoke Inhalation	<b>To All:</b> Aggravating asthma, Breathing problems etc.	Group numbers kept to a level where all participants can sit around the fire whilst leaving at least a 3rd of the circle clear to allow for movement away from the smoke.	Y	Resource maximum capacities followed.	Activity Staff  Activity Manager	LOW

Low = Slight injury or minor ill health / It is highly unlikely that the harm would occur

Medium = Serious Injuries or significant health effects / There is a likelihood that harm may occur;

High = Death, major injury (RIDDOR) or irreversible health damage / There is a high likelihood that harm will occur.

Toxic Wood Smoke	<b>To All:</b> Smoke inhalation.  Poisoning	Only preselected designated wood to be burned.  Toxic wood removed from bush craft area monthly.	Y	Clear Briefing.  Instructors trained to recognise bad wood.	Activity Manager  Activity Staff	LOW
Moving through woodland	<b>To All:</b> Slips, trips and falls, Eye damage, Lost child	Full safety brief from activity, Supervision ratio of 1:24 activity staff to students Buddy system for students, regular head counts, boundaries, no running Head torches in low light, No climbing.	Y	Safety Briefing, Head Counts, registers.	Activity Staff	LOW
Animal/Insect habitats	<b>To All:</b> Disturbing off habitats, Lyme disease (Ticks) potential anaphylaxis, wasps/bees/mosquitoes	Pre-course checks for insect nests, any insect nests in or very close to camp to be removed or destroyed	Y	First Aid kit, Epi-pens kept close for those with allergies and staff trained on how to use them	Participants and Mount Cook staff	LOW
Lack of Boundaries	<b>To Participants:</b> Missing participants. Unwanted public access	Buddy systems and regular head-checks Brief on what to do if a student becomes lost. Clear markings of boundaries, fences and gates	Y	Boundaries in place. Monitoring of boundaries	Mount Cook staff	LOW
Dead fall and dead standing trees	<b>To All:</b> Crushing injuries, breaks, death	All sites checked by Mount Cook staff. All tents and other structures placed to reduce risk. Pre-course checks by activity staff. Regular weather checks for high winds. Evacuation procedures	Y	Regular weather checks for high winds. Evacuation procedures	Mount Cook Staff	LOW

Low = Slight injury or minor ill health / It is highly unlikely that the harm would occur

Medium = Serious Injuries or significant health effects / There is a likelihood that harm may occur;

High = Death, major injury (RIDDOR) or irreversible health damage / There is a high likelihood that harm will occur.

Uneven Ground / Animal holes	<b>To All:</b> Breaks, Twists, Falls, Sprains	Animal holes identified, and filled in where necessary Initial safety brief to highlight danger areas. No running rules enforced in woods Supervision at all times.	Y	Filling in any dangerous holes, removal of any dangerous stumps and roots	Mount Cook Staff	LOW
Emergency Access	<b>To All:</b> Unable to leave or gain access	Two forms of access to the woods. Vehicle access to border of woodland	Y	Mount Cook staff	Mount Cook staff	LOW

**Risk Assessment Checked by H&S or Line manager.**

Name: Steve Turner CEO

Reviewed on: 5/2/2025



Low = Slight injury or minor ill health / It is highly unlikely that the harm would occur

Medium = Serious Injuries or significant health effects / There is a likelihood that harm may occur;

High = Death, major injury (RIDDOR) or irreversible health damage / There is a high likelihood that harm will occur.