

## 2023

# Specific Risk Assessments – Camp Redwood The Mill Adventure Base

NB: These Specific Risk Assessments must be read in conjunction with the Nottinghamshire County Council Local Authority, Children, Families and Cultural Services – Generic Risk Assessments For Visits and Activities (September 2021)

These generic risk assessments are intended for use on all applicable events for a range of activities delivered on behalf of the Children, Families and Cultural Services. They should be consulted as the foundation for all the specific risk assessments within this document.

Author: Drew Cartwright

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# Nottinghamshire County Council Local Authority Children, Families and Cultural Services Specific Risk Assessments – Camp Redwood



(December 2022)

#### Part 1; Main Camp Redwood Site and Surrounding Area:

- 1. Site-Specific Risks
- 2. Overnight camping/camp cooking
- 3. Potential First-Aid Requirements

#### Part 2; Activities Offered at Camp Redwood

- 4. Archery\*
- 5. Axe Throwing\*
- 6. Bushcraft\*
- 7. Minibeasting
- 8. Orienteering
- 9. Scavenger Hunt
- 10. Shelter Building
- 11. Team Games
- 12. Tree-Climbing\*

Items 4 through 12 are specific to stated activity, but should each be considered in conjunction with items 1 through 3

Items marked with an \* require a 1-to12 OEE instructor to participant ratio, in line with our codes of practice.

#### **NUMBER 1 Site-Specific Risks**



Hazards Considered Step 1	Who might be harmed and how Step 2	Existing Control Measures: Step 3	Further action - Step 3 Consider group supervision requirements, individual needs, travel and hazards in the environment used.	Generic controls are being applied? If not detail in further actions	Risk when all generic controls are applied
Trips / falls	Participants and Staff, Injury	<ul> <li>Sites have removed significant trip hazards (tree stumps)</li> <li>Site check of area for any other hazards daily before activity commences</li> <li>Ensure that group are supervised adequately throughout the activity and reenforce ground rules</li> <li>Appropriate clothing and footwear worn</li> </ul>	Group supervision and briefing Codes of Practice/briefing sheet	Yes	Low
Log stacks	Participants and Staff, Injury/Death	<ul> <li>Group briefing and supervision</li> <li>Log stacks to be cordoned off if present</li> <li>Zero-tolerance policy on misbehaviour near/on stacks</li> </ul>	Codes of Practice/briefing sheet	Yes	Low
Extreme weather	Participants and Staff, Illness/Injury	<ul> <li>Advice from forecast daily/use of appropriate clothing/equipment</li> <li>Sheltered areas available</li> </ul>	Codes of Practice/briefing sheet	Yes	Low
Deadfall from mature trees	Participants and Staff, Injury/Death	<ul> <li>General area to be inspected prior to event for dead fall risk and cleared if necessary.</li> <li>Event leader to brief clients prior to commencement of activity. Event leader to continually monitor potential risk</li> </ul>	Codes of Practice/briefing sheet	Yes	Low
Insect bites (esp. Ticks)	Participants and Staff, Injury/Illness	<ul> <li>Insect repellent included on all participant kit lists</li> <li>Tick removal kit present on site</li> <li>Tick awareness leaflets provided for parents on departure</li> </ul>	Codes of Practice/group briefing	Yes	Med
Security/Intrud ers	All Injury/Death	<ul> <li>Appropriate supervision in place</li> <li>Code-locked vehicle gate at site entrance</li> </ul>	Codes of Practice/briefing sheet	Yes	Low
Catering	Participants and Staff, Injury/Death	<ul> <li>Staff trained and direct supervision of children if involved</li> <li>Menu screened for Allergens and information shared</li> <li>External caterer – food safety compliance checked</li> </ul>	Share allergens information with group Screen external caterer annually	Yes	Med

Plus have regard for nature of the group, any pre-existing medical conditions, and continually risk assess throughout activity.

Assessment carried out by: **Drew Cartwright** 

Date: 15.12.22

#### **NUMBER 2 Overnight Camping/Camp Cooking**



Hazards Considered Step 1	Who might be harmed and how Step 2	Existing Control Measures: Step 3	Further action - Step 3 Consider group supervision requirements, individual needs, travel and hazards in the environment used.	Generic controls are being applied? If not detail in further actions	Risk when all generic controls are applied
Camp cooking	Participants and Staff, Burns/Injury	<ul> <li>Brief and training on use of stoves from OEE to participants and supervising adult/correct equipment/storage of fuel/supervised use/first aider on site</li> </ul>	Codes of Practice/briefing sheet	Yes	Low
Campfire	Participants and Staff, Burns/Death	<ul> <li>Good briefing and safety talk</li> <li>Safety perimeter established (no standing within the log circle)</li> </ul>		Yes	Low
Extreme weather	Participants and Staff, Illness/Injury	Advice from forecast daily/use of appropriate clothing/equipment	Codes of Practice/briefing sheet	Yes	Low
Co-habiting tents	Participants and Staff, Injury	Appropriate supervision in place	Codes of Practice/briefing sheet	Yes	Low
Illness/Injury Overnight	Participants and Staff, Illness/Injury	<ul> <li>Appropriate supervision in place</li> <li>Information sheet supplied to group leader on contacts and call-outs</li> </ul>	Codes of Practice/briefing sheet	Yes	Low
Security/ Intruders	Participants and Staff, Injury	<ul><li>Appropriate supervision in place</li><li>Code-locked vehicle gate at site entrance</li></ul>	Codes of Practice/briefing sheet	Yes	Low
Sleeping in Constructed Shelters	Participants and Staff, Illness/Injury	<ul> <li>Stability checks on all shelters</li> <li>Full supervision of all participants</li> <li>Time limited to maximum of 1 hour</li> </ul>	Codes of Practice/briefing sheet	Yes	Low

Assessment carried out by: Drew Cartwright		Date: 15.12.22
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#### **NUMBER 3 Potential First-Aid Requirements**



Hazards Considered Step 1	Who might be harmed and how Step 2	Existing Control Measures: Step 3	Further action - Step 3 Consider group supervision requirements, individual needs, travel and hazards in the environment used.	Generic controls are being applied?  If not detail in further actions	Risk when all generic controls are applied
Trips/fall leading to bleeding, unconsciousness, sprains/minor fractures	Participants and staff, Injury/Death	<ul> <li>Knowledge to deal with ICT for those incidents/carry first aid and emergency kit/communications with Centre staff (phones/radios)/venues not high risk (safe water crossings, open land or pathways, no cliff edges etc)/good supervision and correct ratios.</li> </ul>	knowledge is available to deal with emergencies. However if	Yes	Low
Choking by eating	Participants and staff, Death	<ul> <li>Knowledge to deal with a choking scenario.</li> </ul>	leaders feel able to deal with emergency incidents, training can be provided which covers  ITC for bleeding, choking,	Yes	Low
Prior illness leading to a seizure	Participants and staff, Injury/Death	<ul> <li>Knowledge of pupil medical history/knowledge to deal with safe control of seizure eg epileptic fit.</li> </ul>	unconsciousness and pain from sessions to be led from Adventure Base immediately after training. The content of	Yes	Low
Hot or cold injury	Participants and staff, Injury/Death	<ul> <li>Weather forecast/adequate drink supply/advice from Centre staff daily on venues/appropriate outdoor equipment.</li> </ul>	this training session to be agreed by a HSE approved first aid trainer.	Yes	Low
Contact with moving vehicle	Participants and staff, Injury/Death	<ul> <li>Activity area to be kept away from roads, bike trails, paths and bridleways</li> </ul>		Yes	Low

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#### **NUMBER 4 Archery**



Hazards Considered Step 1	Who might be harmed and how Step 2	Existing Control Measures: Step 3	Further action - Step 3 Consider group supervision requirements, individual needs, travel and hazards in the environment used.	Generic controls are being applied?  If not detail in further actions	Risk when all generic controls are applied
Other people entering the activity area	Participants, staff and members of the public, Injury/ Death	<ul> <li>Activity area sited away from other activities and people</li> <li>Clear boundaries in place including use of roped-off area</li> <li>No entry sign prominently displayed at entrance to activity area</li> </ul>	Brief participants. Control measures	Yes	Low
Equipment breaking, accident	Participants and staff, Injury/ Death	<ul> <li>All equipment to be checked by the instructor prior to the session. Any faulty equipment to be put aside and reported to the appropriate person</li> </ul>	Regular checks of all equipment	Yes	Low
Falling onto equipment	Participants and staff, Injury/ Death	<ul> <li>No pushing to be allowed during the session</li> <li>No running to be allowed for static shooting activities</li> <li>Only people who are shooting allowed into the shooting area</li> </ul>	Brief participants.	Yes	Low
Flying arrows, falling on arrows and bows, arrows overshooting target area	Participants and staff, Injury/ Death	<ul> <li>No participants to be allowed past the shooting line unless specifically authorised by the instructor</li> <li>Adequate briefing at start of session</li> <li>Proper supervision of participants</li> <li>Have obvious shooting and waiting area</li> <li>Use of clear commands by instructor</li> <li>Archery nets used to stop arrows</li> <li>Activity curtailed in strong wind conditions</li> </ul>	Site specific training for anyone running archery sessions	Yes	Low

Plus have regard for nature of the group, any pre-existing medical conditions, and continually risk assess throughout activity.

### **NUMBER 5 Axe Throwing**



Hazards Considered Step 1	Who might be harmed and how Step 2	Existing Control Measures: Step 3	Further action - Step 3 Consider group supervision requirements, individual needs, travel and hazards in the environment used.	Generic controls are being applied? If not detail in further actions	Risk when all generic controls are applied
Other people entering the activity area	Participants, staff and members of the public, Injury/ Death	<ul> <li>Activity area sited away from other activities and people</li> <li>Clear boundaries in place including use of roped-off area</li> <li>No entry sign prominently displayed at entrance to activity area</li> </ul>	Brief participants. Control measures	Yes	Low
Equipment breaking, accident	Participants and staff, Injury/ Death	<ul> <li>All equipment to be checked by the instructor prior to the session. Any faulty equipment to be put aside and reported to the appropriate person</li> </ul>	Regular checks of all equipment	Yes	Low
Falling onto equipment	Participants and staff, Injury/ Death	<ul> <li>No pushing to be allowed during the session</li> <li>No running to be allowed for static throwing activities</li> <li>Only people who are throwing allowed into the throwing area</li> </ul>	Brief participants.	Yes	Low
Axes in flight	Participants and staff, Injury/ Death	<ul> <li>Suitable barriers and trained instructors</li> <li>No movement until throwing has stopped</li> <li>Full instruction delivered by instructor at start</li> <li>Safety drop off space behind/ side of targets</li> <li>Minimum throwing distance defined</li> <li>Axes only to be thrown at targets</li> <li>Tools to be kept in sharp working condition</li> </ul>	Site specific training for anyone running axe throwing sessions	Yes	Low

Plus have regard for nature of the group, any pre-existing medical conditions, and continually risk assess throughout activity.

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#### **NUMBER 6 Bushcraft**

Hazards	Who might be	Existing Control Measures:	Further action - Step 3	Generic	Risk when
Considered Step 1	harmed and how Step 2	Step 3	Consider group supervision requirements, individual needs, travel and hazards in the environment used.	controls are being applied?  If not detail in further actions	all generic controls are applied
Used of tools, including training knives, natural materials	Participants and staff, Injury/Death	<ul> <li>Supervision by trained staff</li> <li>Appropriate protective clothing and equipment, as judged necessary by staff</li> <li>Supervision in appropriate ratios</li> <li>Axes will not be used by participants</li> <li>All tools inspected, any damage to be reported</li> <li>All tools to be kept in sharp and serviceable condition</li> </ul>	See operating procedures and Codes of Practice	Yes	Low
Smoke Inhalation	Participants and staff, Injury/Death	<ul> <li>All Participants to be briefed on hazard</li> <li>Use an open air location</li> <li>Only use natural suitable material</li> </ul>		Yes	Low
Burns during fire lighting activities	Participants and staff, Injury/Death	<ul> <li>Specific brief on fire-lighting hazards</li> <li>All fires to be lit in prepared area with bare soil floor</li> <li>Sufficient water on site for immediate use if required.</li> <li>All participants to be advised to wear low melt-hazard clothing i.e. wool and cotton</li> <li>All fire to be kept to minimum size</li> <li>Appropriate monitoring and supervision</li> </ul>		Yes	Medium
Burns while using fire flash igniter tool	Participants and staff, Injury/Death	<ul> <li>All participants to be trained and tested on safe and effective use of tool before solo use.</li> <li>Event leader to monitor and assist where necessary</li> </ul>		Yes	Medium

Plus have regard for nature of the group, any pre-existing medical conditions, and continually risk assess throughout activity.

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#### **NUMBER 7 Minibeasting**

Hazards Considered Step 1	Who might be harmed and how Step 2	Existing Control Measures: Step 3	Further action - Step 3 Consider group supervision requirements, individual needs, travel and hazards in the environment used.	Generic controls are being applied? If not detail in further actions	Risk when all generic controls are applied
Animals, insects, poisonous plants, etc.	Participants and staff, Injury/Death	<ul> <li>Avoid known high risk situations</li> <li>Take necessary avoidance action if encountered</li> <li>Ensure those with known allergies carry medication</li> <li>Brief participants about potential contact with animals.</li> </ul>	See operating procedures and Codes of Practice	Yes	Low
Remote locations	Participants and staff, Injury/Death	<ul><li>Supervision</li><li>Communications carried</li></ul>		Yes	Low
Working with woodland materials on rough ground	Participants and staff, Injury	<ul> <li>Appropriate footwear with sturdy grip</li> <li>Gloves provided if deemed necessary by instructor</li> </ul>		Yes	Low

Plus have regard for nature of the group, any pre-existing medical conditions, and continually risk assess throughout activity.

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#### **NUMBER 8 Orienteering**

Hazards Considered Step 1	Who might be harmed and how Step 2	Existing Control Measures: Step 3	Further action - Step 3 Consider group supervision requirements, individual needs, travel and hazards in the environment used.	Generic controls are being applied? If not detail in further actions	Risk when all generic controls are applied
Water hazards	Participants and staff, Injury/Drowning	Supervision by appropriate adults in correct ratios	Mention in briefing	Yes	Low
Remote locations	Participants and staff, Injury/Death	<ul><li>Supervision</li><li>Communications carried</li></ul>		Yes	Low
Participant lost or separated from group, inadequate supervision	Participants, Injury/death	<ul> <li>Ensure supervising staff are competent and understand their roles</li> <li>Ratios in line with local authority policy</li> <li>Discuss boundaries and timings with participants and staff</li> <li>Briefing to all on what to do if separated from group</li> <li>Head counts by group leaders when separating and forming groups</li> <li>Whistle provided to each group leader</li> </ul>		Yes	Low

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#### **NUMBER 9 Scavenger Hunt**

Hazards Considered Step 1	Who might be harmed and how Step 2	Existing Control Measures: Step 3	Further action - Step 3 Consider group supervision requirements, individual needs, travel and hazards in the environment used.	Generic controls are being applied? If not detail in further actions	Risk when all generic controls are applied
Animals, insects, poisonous plants, etc.	Participants and staff, Injury/Death	<ul> <li>Avoid known high risk situations</li> <li>Take necessary avoidance action if encountered</li> <li>Ensure those with known allergies carry medication</li> <li>Brief participants about potential contact with animals.</li> </ul>	See operating procedures and Codes of Practice	Yes	Low
Remote locations	Participants and staff, Injury/Death	<ul><li>Supervision</li><li>Communications carried</li></ul>		Yes	Low
Working with woodland materials on rough ground	Participants and staff, Injury	<ul> <li>Appropriate footwear with sturdy grip</li> <li>Gloves provided if deemed necessary by instructor</li> </ul>		Yes	Low
Participant lost or separated from group, inadequate supervision	Participants, Injury/death	<ul> <li>Ensure supervising staff are competent and understand their roles</li> <li>Ratios in line with local authority policy</li> <li>Discuss boundaries and timings with participants and staff</li> <li>Briefing to all on what to do if separated from group</li> <li>Head counts by group leaders when separating and forming groups</li> <li>Whistle provided to each group leader</li> </ul>		Yes	Low

Plus have regard for nature of the group, any pre-existing medical conditions, and continually risk assess throughout activity.

## **NUMBER 10 Shelter Building**



Hazards Considered Step 1	Who might be harmed and how Step 2	Existing Control Measures: Step 3	Further action - Step 3 Consider group supervision requirements, individual needs, travel and hazards in the environment used.	Generic controls are being applied? If not detail in further actions	Risk when all generic controls are applied
General Manual handling	Participants and staff, Injury	<ul> <li>Plan lifting of any heavy or awkward items well in advance and ensure safe lifting; all heavy items carried as team lifts, minimum of two-person lift.</li> <li>Event leader to monitor and control personnel and work area.</li> <li>Information and safety brief prior to activity</li> </ul>		Yes	Low
Building shelters with natural materials	Participants and staff, Injury/Death	<ul> <li>Build on level ground</li> <li>Use suitably sized materials for age of participants</li> <li>Operating procedures are planned and agreed including size and type of materials that can be used and means of carrying and lifting</li> <li>Participants and staff to continually assess suitability of materials for soundness, and stability of structure built</li> <li>Participants may not enter shelter until it is assessed for stability by staff</li> <li>Do not pick or use living material, litter or waste</li> <li>After activity ends dismantle shelters with care (main supports last) and leave the area as undisturbed as possible</li> </ul>	Gloves to be provided if deemed necessary by instructor	Yes	Low

Plus have regard for nature of the group, any pre-existing medical conditions, and continually risk assess throughout activity.

#### **NUMBER 11 Team Games**



Hazards	Who might be	Existing Control Measures:	Further action - Step 3	Generic	Risk when
Considered	harmed and how	Step 3	Consider group supervision	controls are	all generic
Step 1	Step 2		requirements, individual needs,	being	controls
			travel and hazards in the	applied?	are
			environment used.	If not detail	applied
				in further	
				actions	
Avoidable	Participants and	Location is suitable with no objectives dangers (e.g.		Yes	Low
objective	Staff,	steep slopes are avoided) Communications			
dangers/	Injury	considered, along with first aid etc.			
unusual	,,	conclusion, along war mot all oto.			
location					
Equipment	Participants and	Any equipment used is tested and found suitable for		Yes	Low
failure, use of	Staff,	the task.			
equipment	Injury	Lifting of heavy equipment is avoided or properly			
- 4	,,	managed with clear briefings (safe manual handling			
		taught and carried out)			
Illness or injury	Participants and	Group leader first aid trained	Codes of Practice and First Aid	Yes	Low
if away from	Staff,	Information about existing medical conditions know	at Centre	100	2011
basecamp	Injury/Illness	by staff	at contro		
bascoamp	injury/iiiness	·			
		Accident/emergency procedures known by leaders  First Aid a minus and a smith by a set of the			
		First Aid equipment carried by party			
Juggling	Participants and	<ul> <li>Good briefing and spotting used throughout by</li> </ul>		Yes	Low
/throwing	staff, Injury	appropriate staff			
activities:					
Impact					
Blindfolded	Participants and	<ul> <li>Base activity on level, cleared ground</li> </ul>		Yes	Low
activities:	staff, Injury/Death	<ul> <li>Good briefing and spotting used throughout by</li> </ul>			
collision		appropriate staff			
		Participants are not to run			
Building	Participants and	Good briefing and spotting used throughout by		Yes	Low
challenges:	staff, Injury/Death	appropriate staff			
Falls or	, , ,	<ul> <li>No participant to be elevated more than one foot without</li> </ul>			
collapses		support of other team participants			
'		Correct lifting and handling techniques			
		Correct litting and nandling techniques			

This generic risk assessment identifies the common hazards and control measures associated with this type of visit or activity. Before undertaking the activity establishments must also make an assessment of any specific risks associated with their visit, including travel, sites used, activities and specific group needs.

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#### **NUMBER 11 Team Games**

Rope activities: Friction burns	Participants and staff, Injury	<ul> <li>Good briefing and spotting used throughout by appropriate staff</li> <li>Correct use of equipment</li> </ul>	Yes	Low
Search and rescue activities: Getting lost, exposure, lifting and handling	Participants and staff, Injury/Death	<ul> <li>Good briefing and clear boundaries for participants</li> <li>Correct lifting and handling techniques</li> <li>Appropriate PPE</li> <li>Whistle for 'casualty'</li> </ul>	Yes	Low
Suspended rope traversal: Falls, lifting and handling	Participants and staff, Injury/Death	<ul> <li>Good briefing and spotting used throughout by appropriate staff</li> <li>No participant to be elevated more than one foot without support of other team participants</li> <li>Correct lifting and handling techniques</li> </ul>	Yes	Low
Save the egg: Falling objects	Participants and staff, Injury	<ul> <li>Good briefing and spotting used throughout by appropriate staff</li> <li>Safety perimeter to be established</li> </ul>	Yes	Low
Trebuchet / Catapult construction: Impact, lifting and handling	Participants and staff, Injury/Death	<ul> <li>Good briefing and spotting used throughout by appropriate staff</li> <li>Correct lifting and handling techniques</li> <li>No staff or participants to be downrange during/after priming</li> <li>Trigger to be pulled by rope from a safe distance</li> </ul>	Yes	Low

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### Nottinghamshire County Council

#### **NUMBER 12 Tree Climbing**

Hazards Considered Step 1	Who might be harmed and how Step 2	Existing Control Measures: Step 3	Further action - Step 3 Consider group supervision requirements, individual needs, travel and hazards in the environment used.	Generic controls are being applied?  If not detail in further actions	Risk when all generic controls are applied
Fall from height	Participants Injury/Death	<ul> <li>Good briefing for participants</li> <li>Constant vigilance from trained and inducted staff</li> <li>Use of helmets</li> </ul>		Yes	Low
Rope burns	Participants Injury	Good briefing and correct used of equipment		Yes	Low
Equipment failure	Participants Injury/Death	<ul> <li>Regular equipment checks and logs, in line with manufacture recommendations</li> <li>Vigilance from staff</li> <li>Any malfunctioning or worn equipment taken out of use until concerns rectified</li> <li>Trained and inducted staff to set up and dismantle on day of activity</li> </ul>		Yes	Low
Entrapment	Participants and staff, Finger / hair injury	Pupils briefed to maintain safe distance from pulleys		Yes	Low

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