

Risk Assessment Activity – Disabilities General

Pioneer Centre	Assessed by: Ronan Halpenny & James Kniffen	Assessed/ Reviewed:	Next Review Date
		Feb 2025 12/12/2025	12/12/2026
Reviewed by:	Senior Team	Dec 2025	

Overview: The below covers the current provision of the Centre when it comes to delivering activities for disability groups/individuals. The Centre recently got external training and input for a dedicated Outdoor Disabilities Centre which has been used and further developed by the Disabilities and SEN Activities Coordinator for training instructing staff on safety and delivery of sessions for groups and individuals with disabilities. All equipment and PPE used for delivery are suitable and are biannually inspected to ensure it is in good order and repaired or replaced if damaged or worn to excess.

Hazards	Groups of People at Risk from the Hazards Identified	Probability	Control Measures – Reduces the severity and lowers the probability to acceptable levels
		Severity	
		Risk Category	
Full Mobility: Or near full mobility, but poor co-ordination			
Slips, trips and falls	Guest/Participants	Likely	Maintenance of the site is done by the activities team and maintenance team. Instructors visually check the area upon arrival. General brief and group management are provided by instructors to ensure activities are run safely.
		Minor	
		Medium	
Unsupervised access to activity areas	Guest/Participants	Unlikely	Tower doors locked and shut when not in use. Only access to towers is via a trained member of staff. No access signs are clearly displayed. The groups are given a list of areas that are prohibited to enter without Centre staff. Carers/group leaders are asked to help in managing this if the nature of an individual's needs increases the chances of this happening.
		Fatal	
		Medium	
Limited Mobility: Can stand, walk or climb stairs with or without help for short periods. Relies on a wheelchair or other mobility aid for long periods.			
Slips, trips and falls	Guest/Participants	Likely	Maintenance of the site is done by the activities team and maintenance team. Instructors visually check the area upon arrival. General brief and group management are provided by instructors to ensure activities are run safely.
		Major	
		High	
Unsupervised access to activity areas	Guest/Participants	Very Unlikely	Tower doors locked and shut when not in use. Only access to towers is via a trained member of staff. No access signs are clearly displayed. The groups are given a list of areas that are prohibited to enter without Centre staff. Carers/group leaders are asked to help in managing this if the nature of an individual's needs increases the chances of this happening.
		Fatal	
		Medium	

Partial Mobility: Essential wheelchair user or unable to stand unaided but retains some upper body/arm functionality.			
Falling from wheelchair getting around site (uneven surfaces)	Guest/Participant	Very Unlikely	Wheelchair access is provided to all roped activities and is maintained by centre staff. Instructors will check with the carer/group leader to ensure they are happy in helping to push a wheelchair. Extra care is taken when going over uneven surfaces.
		Major/Fatal	
		Medium	
Injury during transfer	Instructors, Staff and Guest/Participants	Unlikely	Instructors are trained on proper lifting techniques when using centre slings and hoists. Carers/group leaders are required to take control in a lift/transfer where it involves a personal sling to either hoist or manually lift, instructors can assist the carer if it is required.
		Major	
		Medium	
Damage to wheelchair	Guest/Participants	Very Unlikely	Access to all activities on the programme is wheelchair accessible. Roped activities are performed in a centre harness as to reduce the risk of damage to a guest's wheelchair. The wheelchair abseiling is provided in the centre wheelchair to reduce the risk of damage to a guest's chair when taking part in this activity.
		Minor	
		Low	
Upper Limb Impairment: Retains full use of legs and can stand and move unaided but has little upper body functionality.			
Slips, trips and falls	Guest/Participants	Likely	Maintenance of the site is done by the activities team and maintenance team. Instructors visually check the area upon arrival. General brief and group management are provided by instructors to ensure activities are run safely.
		Minor	
		Medium	
Unsupervised access to activity areas	Guest/Participants	Unlikely	Tower doors locked and shut when not in use. Only access to towers is via a trained member of staff. No access signs are clearly displayed. The groups are given a list of areas that are prohibited to enter without Centre staff.
		Fatal	
		High	Carers/group leaders are asked to help in managing this if the nature of an individual's needs increases the chances of this happening.
Quadriplegia: Essential wheelchair user or unable to stand unaided, combined with restricted upper body/arm functionality.			
Injury during transfer	Instructors, Staff and Guest/Participants	Unlikely	Instructors are trained on proper lifting techniques when using centre slings and hoists. Carers/group leaders are required to take control in a lift/transfer where it involves a personal sling to either hoist or manually lift, instructors can assist the carer if it is required.
		Major	
		Medium	
Falling from wheelchair getting around site (uneven surfaces)	Guest/Participant	Very Unlikely	Wheelchair access is provided to all roped activities and is maintained by centre staff. Instructors will check with the carer/group leader to ensure they are happy in helping to push a wheelchair. Extra care is taken when going over uneven surfaces.
		Major/Fatal	
		Medium	
Damage to wheelchair	Guest/Participants	Very Unlikely	Access to all activities on the programme is wheelchair accessible. Roped activities are performed in a centre harness as to reduce the risk of damage to a guest's wheelchair. The wheelchair abseiling is provided in the centre wheelchair to reduce the risk of damage to a guest's chair when taking part in this activity.
		Minor	
		Low	
Sensory Impairments: Conditions that affect one or more of the senses.			

Loud Noises	Guest/Participants	Likely	All sessions that music can be involved such as "Disco" and "Circus skills" have a maximum volume to prevent damage to eardrums.
		Major	
		High	Upon request ear defenders can be provided for all session if the natural noise is too loud for a guest.
Epileptic fit caused by flashing lights	Guest/Participants	Unlikely	Settings on "Disco" lights can be altered to flash at a lower speed. Instructors will request all headtorches on "Caving" are tilted down so that the light is not going directly into other participants eyes. The brightest setting on the torches is not used unless necessary.
		Fatal	
		High	
Discomfort when wearing Helmets	Guest/Participants	Likely	An alternative helmet style will be tried to ensure safety, if participant is still uncomfortable, we can provide a soft protection "scrum cap" style piece of headwear. Guests can also sign a liability waiver allowing them not to require a helmet to partake in activities.
		Minor	
		Medium	

Intellectual Impairment/Learning Disability: Conditions affecting how someone's brain works.

Guest not understanding the rules	Guest/Participants	Likely	Instructors are given information about groups needs prior to any activities and have been trained on different techniques to communicate information to the group/individual. The instructors will work closely with group leaders to ensure activities are performed safely with the highest understanding possible.
		Fatal	
		High	
Incorrect use of activity equipment	Instructor, staff and Guest/Participants	Likely	An explanation is given to all guests on how to correctly use session equipment, for all roped activities there is a backup system in place if a guest should use the primary system incorrectly. For other activities such as Archery and Fencing the guest is to be always supervised by a carer/group leader or an instructor.
		Fatal	
		High	
Guest consuming foreign bodies	Guest/Participants	Unlikely	The instructors are made aware of any possible behaviours including consuming things before they begin any sessions. Guests are under supervision when on activity sessions and assistance from group leaders is utilized when managing the group.
		Minor	
		Minor	
Guest removing clothing items	Instructors and Staff	Very Unlikely	The instructors are made aware of the guest's possible behaviours including removal of clothes before they begin any session. If an incident happens, it will be reported to the designated safeguarding officer and company procedures followed.
		Minor	
		Minor	

Wheelchair Abseil

Overview: Wheelchair abseil sessions are carried out on a purpose-built tower that has wheelchair access to the top and bottom. A Winter Mountaineering and Climbing Instructor (WMCI) qualified Chief Instructor has overall responsibility. All other instructors are RCI or CWI qualified or in-house trained using NGB recognised techniques. An in-house examination is completed on each staff member by the Technical Advisor to sign off general competency in roped activities and further specific training is given for delivery of wheelchair abseiling sessions. Preferred Staff to client ratio are a minimum of 2 instructors for the group (any size) for the wheelchair abseil. All appropriate personal protective equipment is worn during sessions. All instructors are first aid trained, and emergency procedures are in place in case of a major accident.

Structural Failure	Instructors, staff and guest/participants	Very unlikely	Ab Slab was built by the maintenance team of that time (2013) and signed off by JM Adventures (approved contractors) who put in the steel girders for
		Fatal	

		Medium	anchor points. An external annual structural inspection is carried out by High Times and actions followed up as advised.
Falling down the ramp	Instructors, staff and guest/participants	Unlikely	Instructors, carers and participants must be attached to lanyards or rope if on the top of Ab Slab whenever the final chain barriers are removed for the participant to descend.
		Fatal	
		High	
Falling backwards down the ramp in wheelchair	Guest/participants	Unlikely	Participants firmly apply brakes after moving into position for setting up the abseil. An instructor is always behind the participant holding them steady. Participants are attached to all necessary fall prevention and fall arrest devices and ropes before final chain barriers are taken down. Staff and participants are connected to anchors before barriers are taken down for the abseil. Guests are told or helped to put breaks on at the bottom of the tower to avoid rolling off after finishing the descent.
		Major	
		Medium	
Tipping over backwards in the chair whilst being lowered down the ramp	Guest/participants	Unlikely	The rope system is carefully tied onto the chair to ensure it can't tip backwards. An instructor abseils down behind the guest and can assist in any potential issues as required. Also, a specific chair has been purchased and used and is designed so to prevent it tipping over backwards.
		Fatal	
		High	
Fingers caught in equipment (wheels or other metal work)	Guest/participants	Unlikely	Participants are properly briefed on their role during the descent. An instructor abseils down beside the guest to ensure no equipment is near the participant's hands.
		Major	
		Medium	
Rope Burn	Instructors, staff and guest/participants	Very Unlikely	All ropes are safely controlled. Participants and carers are properly briefed on the lowering procedure and understand what ropes will be moving and where to safely observe.
		Minor	
		Low	
Environmental Hazards	Instructors, staff and guest/participants	Very Likely	All participants are briefed on proper clothing for the current weather conditions. Instructors are issued appropriate PPE, waterproof jacket, warm layers, and gloves to use for activity delivery. Towers not used or sessions cancelled in the event of thunder & lightning (activities can resume 30mins after the last thunder sound was heard) and/or winds gusts above 40/45mph (senior staff may reassess and end sessions below this level or may continue if direction is suitable and hazards are managed). Also, further control measures under the Adverse Weather Risk Assessment are to help with environmental hazards.)
		Fatal	
		Medium	
Slips, trips and falls	Instructors, staff and guest/participants	Likely	Maintenance of the site is done by the activities team and maintenance team. Instructors visually check the area upon arrival. General brief and group management are provided by instructors to ensure activities are run safely.
		Minor	
		Medium	
		Unlikely	

Equipment / rope system failure	Instructors, staff and guest/participants	Major Medium	All equipment is inspected bimonthly. To run these sessions staff are trained in set up and delivery and work along with more senior staff.
Back up failure for instructor (prusik incorrectly set up) Injury from falling down the abseil	Guest/participants	Unlikely Major High	Instructors are all in-house trained and assessed on how to set up and use a prusik (back up) for abseiling alongside participants. They are also trained on how to tie off the rope so they can go hands free to assist or sort out any problems.
Physiological effects	Guest/participants	Very Unlikely Major Medium	Instructors are aware of the group's needs and medical issues. Challenge by choice brief is given and instructors will respect participants' choices and be sensitive and adapt to their reactions to the activity they are invited to participate in.
Stress / Panic Attack	Guest/participants	Likely Major/trauma High	Challenge by choice brief is given and instructors will respect participants' choices. Instructors will err on the side of caution if participants start to panic or have strong emotional reaction to the activity. The instructors will react quickly to ensure the level of stress is brought back down to an acceptable level. This should help ensure the activity runs well for all those involved.

Assisted Climbing & High Ropes

Overview: Assisted climbing and High Rope sessions are carried out on two purpose-built towers supplied and erected by JM Adventure. An annual inspection is carried out by High Times Technical Consultants. Regular bimonthly inspection checks are also carried out on equipment by activities staff as well as a quarterly structural check. A qualified Winter Mountaineering and Climbing Instructor (WMCI) Chief Instructor has overall responsibility. All other instructors are RCI or CWI qualified or in-house trained using NGB recognized techniques. An examination to check competency of staff is completed on each staff member by the external and independent Technical Advisor. Senior staff members do continual monitoring throughout the year. Preferred Staff numbers are a minimum of 3 for the group (any size). Minimum 2 instructors to run the Hoist system and minimum of 1 to run the Pulley rope (simultaneously or separately). All instructors are first aid trained, and emergency procedures are in place in case of a major accident.

Structural Failure		Very Unlikely Fatal Medium	Towers are built by approved contractors, and external annual inspections are carried out. Quarterly structural checks are carried out.
Falling objects		Unlikely Major Medium	Helmets are worn by anyone in the area when activities are being delivered, or maintenance is being done and guests briefed on how to stand if objects fall to protect themselves. All equipment at top of tower secured and procedures in place in case of an accident.
Unauthorized access to Towers		Very likely Fatal High	Tower doors locked and shut when not in use. Only access to towers is via a trained member of staff. No access signs are clearly displayed. The groups are given a list of areas that are prohibited to enter without Centre staff.
Rope burns		Unlikely	

		Minor	Group briefed on correct clothing. Instructor supervises guests contact with rope. Instructors are trained in safe lowering practices of lowering slowly and smoothly.
		Low	
High level fall		Very Unlikely	Detailed in-house training & assessment are carried out on activity staff to ensure safe practice is used for the activities and the correct use of all equipment. All PPE checked and recorded bimonthly. Instructors ensure participants are wearing all PPE before partaking in the assisted climbing activities and are clipped into safety rope/system before proceeding.
		Fatal	
		Medium	
Low level fall		Unlikely	Instructors belay and manage the rope systems to ensure a tight rope is maintained while climbing. This is to prevent a participant hitting the floor with rope stretch and if there was too much slack in the system.
		Major	
		Medium	
Environmental Hazards		Very Likely	All participants are briefed on proper clothing for the current weather conditions. Instructors are issued appropriate PPE, waterproof jacket, warm layers, and gloves to use for activity delivery.
		Fatal	
		High	Towers are not used, or sessions cancelled in the event of thunder & lightning (activities can resume 30mins after last thunder sound was heard) and/or winds gusts above 40/45mph (senior staff may reassess and end sessions below this level or may let continue if direction is suitable and hazards are managed). Also, further control measures under the Adverse Weather Risk Assessment are to help with environmental hazards.
Slips, trips and falls		Likely	Maintenance of the site is done by the activities team and maintenance team.
		Minor	Instructors visually check the area upon arrival. General brief and group management are provided by instructors to ensure activities are run safely.
		Medium	
Soft tissue injury		Unlikely	Instructor aware of group's capabilities. Warm up/warm down as needed.
		Minor	
		Low	
Physiological effects		Very Unlikely	Instructors are aware of the group's needs and medical issues. Challenge by choice brief is given and instructors will respect participants' choices and be sensitive and adapt to their reactions to the activity they are invited to participate in.
		Major	
		Medium	
Equipment/rope system failure		Very Unlikely	All activity equipment and PPE are checked and recorded bimonthly. The rope systems are set up and operated by trained staff.
		Fatal	
		Medium	
Injury due to improper lifting techniques		Likely	In-house training and assessment for instructors, put through manual handling training. Senior staff monitor and correct lifting techniques when needed.
		Minor	
		Medium	
Stress / Panic Attack		Likely	Challenge by choice brief is given and instructors will respect participants' choices. Instructors will err on the side of caution if participants start to panic or have strong emotional reaction to the activity the instructors will react quickly
		Major/trauma	
		High	

			to ensure the level of stress is brought back down to an acceptable level. This should help ensure the activity runs well for all those involved.
Helmet suspension (caught on an element)		Unlikely	Lowering practices taught to prevent helmets catching e.g. slow careful lowering of participants in the correct position.
		Major	
		Medium	

Assisted Zipwire

Overview: Assisted Zipwire sessions are carried out on purpose-built towers and Zip Wires supplied and erected by JM Adventure. An annual inspection is carried out by High Times Technical Consultants. Activities staff also carry out monthly inspections/safety checks on equipment as well as quarterly structural checks. The overall responsibility lies with the Chief Instructor who is a qualified Winter Mountaineering and Climbing Instructor (WMCI) All other instructors are RCI or CWI qualified or in-house trained using NGB recognized techniques. An examination to check competency of staff is completed on each activities staff member by an external and independent Technical Advisor. Senior Staff members continually monitor this throughout the year. The minimum number of staff needed is 2 for the group (any size).

Structural Failure	Instructors, guests/participants	Very Unlikely	Towers built by approved contractors and external annual inspections are carried out. Quarterly structural checks are carried out by the Activities Instructors.
Falling Objects		Fatal	Guests briefed to empty pockets. All equipment at the top of the tower secured. Guests briefed on the proper position to stand if an object was to fall to protect themselves.
		Medium	
		Unlikely	
Unauthorized access to tower area		Major Injury	Tower doors shut and locked when not in use. Only access to the towers is via a trained member of staff. "No Access" signs clearly displayed on activity area gates and fences.
		Medium	
		Unlikely	
Rope Burns		Fatal	Instructors supervise the guests contact with rope throughout session. The guest is shown the correct position when going down the zipwire to prevent contact with moving rope. Instructors are trained and assessed on safe lowering practices of lowering someone slowly and smoothly.
		High	
		Unlikely	
High Level Fall		Minor Injury	Instructors supervise the guests contact with rope throughout session. The guest is shown the correct position when going down the zipwire to prevent contact with moving rope. Instructors are trained and assessed on safe lowering practices of lowering someone slowly and smoothly.
		Minor	
		Very Unlikely	
Low Level Fall		Fatal	Detailed in-house training and assessments are carried out on activity staff to ensure safe practice is used of the activities. All PPE is checked and recorded each month. Instructors ensure participants are wearing all PPE correctly before taking part.
		Medium	
		Unlikely	
Small Injuries – Cuts and Splinters		Major Injury	Instructors belay and manage the rope system to ensure the rope remains tight the whole time the guest is attached. Should the Primary system fail a secondary backup system is in place to prevent falls.
		Medium	
		Unlikely	
Slips, Trips and Falls		Minor Injury	Regular inspections and maintenance are in place to prevent cuttings and splinters. Guests are ascended away from the tower and platform as a precaution and do not come into contact with the platform at the top.
		Minor	
		Likely	
		Minor Injury	Guests are briefed not to run inside the activity areas, this is continually monitored by the instructors during the session. Maintenance of towers and surrounding area is done regularly. The instructor visually checks the area upon arrival.
		Medium	

Soft Tissue Injury	Instructors, guests/participants	Unlikely	Instructors are aware of group needs and capabilities. General warm up/warm down is included.
		Minor Injury	
		Minor	
Psychological Effects	Instructors, guests/participants	Very Unlikely	Instructors are aware of the group's needs, capabilities, and medical issues. Challenge by choice briefing given before activity. Instructors will respect participants' choices, be sensitive and adapt to the participants' individual reaction to the activity.
		Major Injury	
		Medium	
Equipment/Rope System Failure	Instructors, guests/participants	Very Unlikely	All activity equipment and PPE are checked and recorded monthly by activity instructors who have been trained to check PPE. All roped systems are set up correctly using a setup guide designed by senior staff. All roped systems are operated by trained instructors.
		Fatal	
		Medium	
Manual Handling	Instructors	Unlikely	All staff complete in-house Health and Safety training which includes manual handling to ensure correct lifting practices.
		Minor Injury	
		Minor	
Stress/Panic attacks (Panic Zones)	Guest/Participants	Likely	Challenge by choice brief is given and followed before the start of the activity, instructors will respect participants' choices and not push them into the panic zone. Instructors will air on the side of caution if participants begin to panic or have a strong emotional reaction to the activity, the instructor will react quickly to ensure the participant remains at a low level of stress and brings them down to an acceptable level. Participants will have carers nearby to give them more comfort and reassurance.
		Major/Trauma	
		High	
Helmet Suspension (Caught on an element)	Instructors, guests/participants	Unlikely	Lowering practices are taught to prevent helmet catching on the edge of the tower platform e.g., slow, and careful lowering of participants in the correct position. Tower platform edges are rounded off to lower the risk of the helmets catching on it.
		Major Injury	
		Medium	
Entrapment	Instructors, guests/participants	Very Unlikely	Guests are briefed about the dangers of entrapment; instructors inform the guest of the proper position to be in when in the course in the chair.
		Major injury	
		Medium	

Assisted Trek Course

Overview: Assisted Trek course sessions are carried out on the purpose-built towers and Niko rails supplied and erected by JM Adventure. An annual inspection is carried out by High Times Technical Consultants. Activities staff also carry out monthly inspections/safety checks on equipment as well as a quarterly structure check. The overall responsibility lies with the chief instructor who is a qualified Winter Mountaineering and climbing instructor (WMCI). All other instructors are RCI or CWI qualified or in-house trained using NGB recognized techniques. An examination to check competency of staff is completed on each activities staff member by an external and independent Technical Advisor. Senior staff members continually monitor this throughout the year. A minimum of 2 staff is needed for the group (any size).

Structural Failure	Instructors, guests/participants	Very Unlikely	Towers built by approved contractors and external annual inspections are carried out. Quarterly structural checks are carried out by the Activities Instructors.
		Fatal	
		Medium	

Falling Objects	Instructors, guests/participants	Unlikely	Guests briefed to empty pockets. All equipment at the top of the tower secured. Guests briefed on the proper position to stand if an object was to fall to protect themselves.
		Major Injury	
		Medium	
Unauthorized access to tower area	Instructors, guests/participants, and public	Unlikely	Tower doors shut and locked when not in use. Only access to the towers is via a trained member of staff. "No Access" signs clearly displayed on activity area gates and fences.
		Fatal	
		High	
Rope Burns	Instructors, guests/participants	Unlikely	Instructors supervise the guests contact with rope throughout session. Instructors are trained and assessed on safe lowering practices of lowering someone slowly and smoothly.
		Minor Injury	
		Minor	
High Level Fall	Instructors, guests/participants	Very Unlikely	Detailed in-house training and assessments are carried out on activity staff to ensure safe practice is used of the activities. All PPE is checked and recorded each month. Instructors ensure participants are wearing all PPE correctly before taking part.
		Fatal	
		Medium	
Low Level Fall	Instructors, guests/Participants	Unlikely	Instructors belay and manage the rope system to ensure the rope remains tight the whole time the guest is attached. Should the Primary system fail a secondary backup system is in place to prevent falls.
		Major Injury	
		Medium	
Environmental Hazards	Instructors, guests/participants	Very Likely	All guests and instructors are briefed on proper clothing for the weather conditions. Instructors are provided with Montane Gortex Pro coat. Activities at the towers are not used, or sessions cancelled in the event of thunder and lightning (activities can resume 30 minutes after the last thunder was heard) or winds above force 9 (45mph).
		Fatal	
		High	
Slips, Trips and Falls	Instructors, guests/participants	Likely	Guests are briefed not to run inside the activity areas, this is continually monitored by the instructors during the session. Maintenance of towers and surrounding area is done regularly. The instructor visually checks the area upon arrival.
		Minor Injury	
		Medium	
Soft Tissue Injury	Instructors, guests/participants	Unlikely	Instructors are aware of group needs and capabilities. General warm up/warm down is included.
		Minor Injury	
		Minor	
Psychological Affects	Instructors, guests/participants	Very Unlikely	Instructors are aware of group's needs, capabilities and medical issues. Challenge by choice briefing given before activity. Instructors will respect participants' choices, be sensitive and adapt to the participants' individual reaction to the activity.
		Major Injury	
		Medium	
Equipment/Rope System Failure	Instructors, guests/participants	Very Unlikely	All activity equipment and PPE is checked and recorded monthly by activity instructors who have been trained to check PPE. All roped systems are set up correctly using a setup guide designed by senior staff. All roped systems are operated by trained instructors.
		Fatal	
		Medium	
Manual Handling	Instructors	Unlikely	All staff complete in-house Health and Safety training which includes manual handling to ensure correct lifting practices.
		Minor Injury	
		Minor	

Stress/Panic attacks (Panic Zones)	Guest/Participants	Likely	Challenge by choice brief is given and followed before the start of the activity, instructors will respect participants' choices and not push them into the panic zone. Instructors will air on the side of caution if participants begin to panic or have a strong emotional reaction to the activity, the instructor will react quickly to ensure the participant remains at a low level of stress and brings them down to an acceptable level. Participants will have carers nearby to give them more comfort and reassurance.
		Major/Trauma	
		High	
Helmet Suspension (Caught on an element)	Instructors, guests/participants	Unlikely	Lowering practices are taught to prevent helmet catching on the edge of the tower platform e.g., slow, and careful lowering of participants in the correct position. Tower platform edges are rounded off to lower the risk of the helmets catching on it. Instructors are in constant contact with the guest when they are going around the course to avoid the helmet getting caught on any of the elements.
		Major Injury	
		Medium	
Entrapment	Instructors, guests/participants	Very Unlikely	Guests are briefed about the dangers of entrapment; instructors inform the guest of the proper position to be in when going around the course in the chair. An instructor will always be in constant contact when on the course. Instructor to keep the guest on the correct side of the "spiders web" and "Hanging tires".
		Major injury	
		Medium	
Small Injuries – Cuts and Splinters	Instructors, guests/participants	Very Unlikely	The course was sanded down when it was built. Regular inspections and maintenance are in place to prevent cuttings and splinters. Guests briefed about the element and the correct way to complete them. Instructor to be in constant contact with guest when on the course.
		Minor Injury	
		Minor	

Assisted Caving:

Overview: Assisted Caving session can be provided using a custom-made skateboard style movable platform, developed by Toby Kirkby, the custom board has 12 rolling castors which is able to hold large amounts of weight. The edge of the board is rounded and sanded to prevent splinters with a drop edge to prevent fingers from going underneath and interacting with the castors. The top of the board has a thin layer of soft padding for comfort. The board can be used once a guest has been able to enter the system. It can move through one of the systems while avoiding the more complicated and smaller tunnels. This will not be suitable for all guests and the decision to use it or not is made by the most experienced staff member (Senior or Disabilities & SEN Activities Coordinator).

Entrapment	Instructors. guests/participants	Unlikely	The 12-caster board is designed with a rounded drop edge to prevent fingers from getting trapped underneath the board. The board is also designed to fit through a certain route (not the whole system) and involves no drop ceilings to maneuvering through is as easy as possible. The guest is also accompanied by the instructor for the whole session.
		Major	
		Medium	
Blow to the Head	Instructors, guests/participants	Very Likely	All guests are required to wear a helmet or padded cap throughout the entire session.
		Major	
		High	
Falling off the board	Guests/participants	Unlikely	Guests are given a test run before entering the caving system to make sure they are happy when moving around on the board.
		Major	

		Medium	If needed an instructor or carer will be positioned closely to them to ensure they are able to sit up properly while on the board. If the guest has good strength in their arms, they can place their hands on the floor to help them balance.
Evacuating the system safely	Guests/participants	Very Unlikely	The system has 9 emergency hatches for evacuation, instructors will assist carers/group leaders in getting a guest out safely. They can also be brought out of the system the same way they entered.
		Major	
		Medium	

Assisted Archery:

Overview: Assisted Archery session can be provided using a custom-made cross/regular bow holder that enables participants to have a go. Staff are trained by the Disabilities & SEN Activities Coordinator on the set up and use of the assisted equipment.

Muscle strain	Guests/participants	Very Unlikely	Staff to supervise and help participants use the assisted archery equipment and to help set up equipment to prevent muscle strain.
		Minor	
		Low	
String slap	Guests/participants	Very Unlikely	Staff to supervise and help set up and fire the assisted archery kit. They will ensure it is used correctly and to help prevent string slap by correct set up and use.
		Minor	
		Low	