

Assessment of:	Viking Archery and Throwing						
Location:	Mount Cook	Date of assessment:	January 2024				
Completed by:	Molly Ojari	Expiry Date:	February 2025				
Ratio:	1:12 Max	Staff Competencies	Archery GB Instructor or Inhouse trained and signed off by Activity Manager				
Activities covered:	Archery and Throwing. Archery Tag						

					4	
Hazard	Risk	Control Measures	In	Action Required	Action	Residual Risk
(something	(How could hazard	(What is required to reduce risk)	place		Owner	(low / medium /
with potential to	cause harm and to whom)		(Y/N)			high)
cause harm)						
Slips trips and	To All:	Areas used for the Archery and	Υ	Clear briefing.	Activity	LOW
falls	Breaks, trips, falls and	Throwing session are			Staff	
	sprains	checked prior to commencement to		Pre-use range checks.		
		make sure they are suitable.				
		Any potential hazards are pointed out				
		to groups and unnecessary hazards				

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



		are removed from the area as appropriate. Good instructor awareness and briefing. No running on the range. Participants instructed to hold equipment correctly. Help in group control from group Leaders.				
Equipment failure.	To: Participants and those in immediate vicinity. String may snap, bow limbs or riser may fail whilst shooting. Arrows may break on release. Throwing items may break on impact Fiberglass arrows may	Regular (monthly) inspection of strings and bows and throwing items for wear. Equipment deemed to be unsafe replaced. Regular (every session) check equipment, arrows for loose or damaged nocks, loose points. Damaged equipment replaced/ repaired. Check fibre glass arrows for splintering, discard if deemed unsafe.	Y	Quarantine damaged kit. Pre-use and post-use kit inspections. Careful bowstring selection during setup.	Activities Manager, Activity Staff	LOW

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		Instruct new archers against "dry firing" bows, as this can lead to early limb failure. Do not use Fastflight strings or carbon arrows on wooden bows, as these can overstress the riser.				
		Correct bowstrings sizes used to prevent early limb twisting/ failure.				
Target boss falling over	To Participants and Instructors: Target boss not secured, possibly resulting in injury to archer/ Instructor and/or damage to arrows.	Only instructors to move and mount bosses. Bosses to be secured to the wall or ground- Never left propped on stands. Do not allow shooting or throwing to commence until all targets are appropriately secured.	Y	Pre-use checks.	Activity Staff	LOW
Arrow Length	To Participants: Arrows too short for the	Oversized arrows preferred. Arrow size clearly highlighted through use of different coloured fletching.	Υ	Careful selection of kit for sessions.	Activities Manager,	LOW

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	archer may be drawn off the arrow rest and loosed into the back of the riser or the bow hand.	Careful supervision of archers whilst drawing.	Y	Good supervision.	Activity staff	
Collection of Arrows and Projectiles	To: Participants, Activity Staff Arrows and projectiles in the ground may cause injury if walked/run into. Arrows and projectiles in target are a hazard whilst approaching the target or when being removed from the boss; especially to eyes or face.	Archers instructed in these hazards and of the importance of approaching the target with caution. New archers instructed in correct technique for drawing arrows from boss, including importance of standing away from boss when others are pulling arrows. Appropriate footwear must be worn. All lost arrows are reported, and every effort is made to locate them.	Y	Clear briefing. Participants only allowed to collect arrows and projectiles if deemed competent by activity instructors.	Activity Staff	LOW

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Heavy Bows	To: Participants Use of inappropriate draw-weight bow may result in muscular or other soft tissue injury.	Beginners use lightweight bows. Instructors ensure they employ correct draw technique before graduating to heavier bows.	Y	Adequate selection of bows available.	Activities Manager, Activity Staff	LOW
Shooting Control	Inadequate control of shooting may result in personal injury to an archer or spectator. Potential severity could be fatal if controls are not maintained	Shooting and throwing must always be under the control of an experienced instructor acting as Field Captain. All participants must understand that this person is in charge of the shoot and must obey their commands. New archers are instructed as to the role of the Field Captain and the commands they are likely to give. Archers must be made familiar with and adhere to Archery GB Rules of Shooting. Any archer deemed by instructors or field captains not to be doing so	Y	Clear briefing	Activity Staff	LOW

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		should be asked to stop shooting and leave the field.				
Arrows Shot Outside Safety Area	To All: Arrows inadvertently shot outside of safety area may result in personal injury to spectators or archers. Potential severity of injury could be fatal.	Archers must not be allowed to use any form of "over-arm draw" and should ensure that the bow is not pointed at too extreme an angle. Whilst using the white range netting must be pulled over the top whilst Dell or zipwire is in use to prevent accidental overshoot.	Y	Careful supervision	Activity Staff	LOW
Arrows Rebounding	To Participants: Arrows may rebound towards group causing injury.	Minimum safe shooting distance must be observed. Arrows may still rebound beyond shooting line, however, if minimum distances are observed these arrows are considered spent and will not cause harm.	Υ	Correctly set out archery range.	Activities Manager	LOW
People/Animals Straying into Safety Area	To Participants and Staff:	Ensure that access past the shooting line is not accessible by accident and	Υ	Clear signage on approach to range	Activity Staff	LOW

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A person or animal	is secured before shooting	Clear briefing from	
straying into the safety	commences.	activity staff.	
area may receive	The Field Captain and all archers must		
personal injury from	remain vigilant and suspend shooting		
arrows or other	immediately if the safety area is		
equipment projected	violated.		
towards the target.	All grounds are deemed accessible to		
	the public even if this involves		
	trespass.		
	Ensure that spectators and those		
	waiting to shoot remain behind the		
	waiting line.		
	Ensure all participants are familiar		
	with the commands to start and stop		
	shooting.		
	Do not allow anyone to cross the		
	shooting line except when instructed		
	to do so by the Field Captain/		
	instructor		

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Bow string on release	To Participants: Bruising on the inner fore arm from the bow string when shooting. Bowstring may become caught on loose hair or clothing.	Ensure that archers tie back long hair and remove jewellery or loose outer garments, which could become caught. Require archers to wear arm protection to minimise possible injury and instruct in proper release technique. Encourage archers to have sleeves rolled down all the time. Close supervision, particularly during guided practice.	Y	Clear briefing	Activity Staff	LOW
Archery Tag/Project	To Participants and Staff: Bruising, grazes.	All arrows/projectiles in use are made from high-density foam tip to prevent physical harm on impact. All participants will be fitted with a protective mask prior to the start of the activity.	Y	Clear briefing from activity staff. Archery Tag arrows/projectiles clearly separated from target archery	Activity Staff	LOW

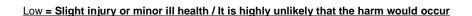
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The area of play laid out with sufficient distance between both teams.	arrows/projectiles on session	
Location of the archery tag area has		
adequate overshoot distance.		

Risk Assessment Checked by H&S or Line manager.

Name: Steve Turner CEO Date: 5th February 2024



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