

RISK ASSESSMENT: Archery

Completed by: Activities Team

Date: 14/02/2020

Review Date: 14/02/2021

What is the Hazard?	Who may be harmed?	How might people be harmed?	Risk Rating			Control Measures in Place	Remaining Risk		
			Probability	Severity	Risk		Probability	Severity	Risk
Slips, trips and falls	All	Cuts, grazes, bruises	3	2	6	<ul style="list-style-type: none"> All equipment not being used is put away in the store. All participants instructed to wear appropriate footwear. Participants warned about exposed tree roots and potential hazards. 	1	2	2
Exposure / Hypothermia and Sunburn	All	Sunburnt skin, high temperature and dehydration.	3	3	9	<ul style="list-style-type: none"> Staff and participants urged to make sure they have suitable clothing for the weather and activity. Staff and participants to drink plenty of water. Sun cream applied when needed. Shelter at activity for participants to use. 	1	2	2
Group Behaviour	All	Loss of control of the group, participants being distracted/not listening.	3	2	6	<ul style="list-style-type: none"> Group leaders are to ensure that the group is under control at all times. Instructor is to stop the session if the participant's behaviour is dangerous. 	1	2	2
Unauthorised Access	All	People wandering on to the range unaware of what it is could result in standing on a live range.	4	4	16	<ul style="list-style-type: none"> Clear signs to be posted at all access points stating 'No Admittance to Unauthorised Persons.' All access points to be locked when the activity not in use. The range is constructed in an appropriate area for the nature of the activity. The range is marked so that no one can access it without knowing they're stepping onto an archery range. Boundary fence around the range to prevent accidentally walking in front of the shooting line. 	1	4	4
String hitting the arm	Participant	Bruises, grazes	2	2	4	<ul style="list-style-type: none"> Participants are instructed on the correct way to hold the bow. Participants provided with a leather bracer for their arm. Participants advised to keep long sleeve clothing on, as this will help reduce the risk. 	1	2	2

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Misuse of Arrows	All	Cuts, grazes, puncture wound	3	4	12	<ul style="list-style-type: none"> Participants are instructed to make sure the arrows are pointing down range at all times. Participants are shown how to correctly load the bow. Instructor manages arrows left on shooting line whilst group collect and ensures no one will pick up bow until firing range is clear. The instructor makes sure that all the arrows issued are collected back in at the end of the session. Participants are not issued arrows until they are standing on the shooting line. Ferny Crofts only supplies long length arrows to reduce the risk of arrow misfire. Arrows are locked away the range is not being supervised by an instructor. 	1	4	4
Misuse of Bow	All	Bruises, grazes	3	2	6	<ul style="list-style-type: none"> Make sure that the bows are not taken off the shooting line. The participants do not have access to the bows when they are not being supervised. Participants are instructed not to approach the bows unless told to do so by instructor. Participants are instructed not to dry fire the bows. An Archery GB instructor or Scout Permit holder is in charge of the range at all times. Participants are instructed to keep the bows pointed down range at all times. Participants are given suitable bow size to fit. 	1	2	2
Arrows in the target or on the ground	Persons collecting the arrows	Cuts, grazes, impact wound	3	3	9	<ul style="list-style-type: none"> They are instructed to make sure they walk to the side of the range, not down the middle when approaching targets. They are to make sure they remove the arrows from the target first, then pick up any arrows off the ground. Ensure no-one is standing in the close area around target is clear before pulling them out. 	1	3	3

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Equipment Failure	All	Bruises	3	2	6	<ul style="list-style-type: none"> All equipment is inspected and logged regularly. All equipment is checked before each session and any faulty equipment is removed from operation immediately, logged and placed in the quarantine bin. 	1	2	2
Human Error	All	Instructor complacency and loss of focus could put everyone at risk.	3	3	9	<ul style="list-style-type: none"> All instructors hold Archery GB qualification or Scout Permit. All instructors are regularly monitored to ensure procedures are complied with. All instructors are aware of where risk assessments and operating procedures are stored. Where possible, instructors to only work the same session twice in one day. Instructors made aware of any changes to activity, via activity change sheet. Qualification refresher required every 3 Years, Scout permit refreshed every 5 Years. 	1	3	3

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Level	Likelihood Factor	Severity Description
1	Very Unlikely	Insignificant – No injury or No First Aid required.
2	Unlikely	Minor – Minor injuries requiring first aid such as cuts, grazes, bruising.
3	Fairly Likely	Moderate – Injuries resulting in up to three days' absence from work.
4	Likely	Major – Injuries resulting in a week or more absence from work, for example broken bones, deep cut etc.
5	Very Likely	Catastrophic – Amputations or Death.

Remaining Risk Level	Description
1-5	Very low, minimal risk, control measures more than adequate
5-10	Low, control measures satisfactory
10-15	Medium, control measures adequate
15-20	High, control measures need further consideration
20-25	Very high, intolerable, stop Job