

The Outdoor Ed School – Archery – Risk Assessment

This document will highlight the hazards for taking part in an archery session with The Outdoor Ed School and the actions which will be taken to reduce the risk of those hazards.

The instructor providing this session will have a current first aid qualification and would have completed the relevant activity sign off assessment.

The instructor will provide first aid in line with their first aid training.

As part of the freelance instructor induction, the freelancer is required to read through the following documents, standard operating procedures (SOP), emergency action plan (EAP), and the relevant activity risk assessments (RA).

The instructor will provide this activity in line with the policies and statements found in The Outdoor Ed School's SOP, EAP, and this RA to create a safe, fun, and educational experience for the participants.

Observations will take place to ensure freelancers are following the policies and procedures stated within the prementioned documents.

This document has been produced using the relevant national governing body guidance and the advice of industry professionals.

This document will be amended and reviewed as needed.

If you have any questions about the information contained in this document, please contact Dan Pritchard directly on 07513783253.

		<ul style="list-style-type: none"> - Within the booking confirmation email participants will be ask to where suitable footwear which must be close toed. - The activity will be supervised by an instructor throughout. - The instructor will adapt the session delivery to fulfil the groups needs.
Physical contact	Instructors & Participants	<ul style="list-style-type: none"> - All our activities have a strict no contact rule except for Team Challenges where permission must be asked first. - Any violence towards instructors or participants is not acceptable and the individual will be removed for the session immediately. - Participants will be briefed on safe movement and the importance of being aware of others.
General Public entering activity area.	Pubic	<ul style="list-style-type: none"> - All activities except watersport activities will be provided on private land such as schools or one of our activity sites where a fence and gates keep the activity area secure. - Most activity areas such as laser tag, archery, axe throwing, and pioneering will be marked out using signs and/or lines. Please refer to the 'activity station set up' document. - If someone enters the activity area, the activity will be stopped, participants will be regrouped at the briefing area or waiting line, and the instructor will guide the member of public out of the activity area. - The activity cannot continue until the member of public has exited the activity area.
Lifting and carrying	Instructors Participants	<ul style="list-style-type: none"> - Instructors will use correct manual handling practices while lifting and carrying equipment. - Instructors will work together to move heavier items when possible. - Where possible the vehicle will be moved to / closer to the activity area to reduce the distance required to move the equipment. - Participants are not required to move or lift anything heavier that 5kg during any of our activities. - Participants will be briefed on how to move the equipment safely by the instructor. - Teamwork is encouraged. - Session content can be adapted to meet all abilities.

Malfunction or faulty equipment	Instructors & Participants	<ul style="list-style-type: none"> - All equipment is logged and checked monthly. - All equipment is stored, transported, and used in line with the manufacture's guidance. - All custom-built equipment for team challenges has been built under the guidance of an experienced builder. - The instructor will complete pre-use checks on all equipment prior to the session starting. - Any equipment which is deemed unsafe will be removed from service. - The instructor will show participants how to inspect some equipment like arrows and axes in between rounds. - Activities will be supervised by a signed off instructor throughout.
Environmental	Instructors & Participants	<ul style="list-style-type: none"> - Due care taken on slippery surfaces. - Long trousers worn to protect against tics, bites & stings. - Visual check of site for potential hazards such as deadwood, Tree stumps, ditches, submerged objects in water, prior to and during sessions. - Activity camps should avoid pitching tents under trees. - Due care taken around any spillages (petrol etc) & reported where possible. - Use of weather report to highlight adverse conditions.
Dehydration and sun stroke	Instructors & Participants	<ul style="list-style-type: none"> - Included in the participant's booking confirmation is a 'What to bring' list which asks participants to dress for the weather and bring a bottle of water with them. - The instructor will direct participants to a place to refill water bottles prior to starting the activity. - The instructor will encourage participants to apply sunscreen and wear a hat. - A gazebo will be erected for shade if the location is suitable. - Regular water breaks can be arranged. - A spare bottle of water will be kept on / in the instructor's craft when providing a watersport activity.
Hypothermia	Instructors & Participants	<ul style="list-style-type: none"> - Included in the participant's booking confirmation is a 'What to bring' list which asks participants to dress for the weather and bring a drink with them.

		<ul style="list-style-type: none"> - The instructor will encourage participants to wear warm layers and to keep their coats on. - A gazebo will be erected for shelter if the location is suitable. - Really cold participants will be sent inside (school, bunkhouse, or activity hut) to warm up. - A spare XXL warm top, XXL waterproof top, and group shelter will be kept on / in the instructor's craft when providing a watersport activity. - Watersport participants will have access to hot showers at perch pool scout campsite. - Each first aid kit will include a foil blanket.
Miscommunication and/or lack of understanding	Participants & Public.	<ul style="list-style-type: none"> - The instructor will provide demonstrations where possible. - The instructor will provide a clear and simple brief to cover key activity and safety points. - The instructor will ask the group if they have any questions and understand all part of the safety or activity brief. - The instructor will ensure there is another time for every participant to practice and will recover basic skills if required Instructors. - The activity content can be adapted to fulfil the groups needs. - The instructor will ask for support from teachers, other instructors, and participants if required.
Misuse of equipment	Instructors, Participants, & Public.	<ul style="list-style-type: none"> - Participants should understand all instructions given to them and demonstrate safe use of equipment before being able take part in the activity independently. - The activity will always be supervised by an experienced and signed off instructor. - Participants will be expected to behave in accordance with The Outdoor Ed School participants agreement. - Participants which continue to ignore instructions or present a risk to themselves, or others will be removed from the session.
Unsupervised use of equipment.	Public	<ul style="list-style-type: none"> - All sessions provided by The Outdoor Ed School are instructor led. - When an activity is set up but is not being used an instructor will still be present to ensure no one will start playing, breaking, or steal the equipment. - Any items which have a sharp edge or point will be locked away in a vehicle.

		<ul style="list-style-type: none"> - Activities will be packed away after use where appropriate. - Any fires from bushcraft must be put out with water. The ashes, fire trays, and fire pit must be cool before the activity can be left.
Entanglement		<ul style="list-style-type: none"> - Loose jewellery will be removed or tucked away. - Hair tied back if appropriate. - Loose baggy clothing will be tucked in. - When providing a watersport session, the instructor will cover the clean line principle and will carry a knife.
Losing activity equipment.	Instructor, Participants, and Public.	<ul style="list-style-type: none"> - Equipment to be counted out and back in every session. - Equipment to be recovered before dismissing group. - Any items with a sharp edge or point to be kept under constant supervision. - Any items with a sharp edge or point to be kept on the instructor's person or in a locked vehicle when not in use. - Any equipment not in use should be stored in a vehicle is appropriate.
Getting separated and/or lost from the group.		<ul style="list-style-type: none"> - Please refer to the emergency action plan.

Activity Specific Risk Section:

Hazard:	Who is at risk:	Actions to reduce risk:
Stuck by bow string	Participants	<ul style="list-style-type: none"> - Instructor will give the participant the correct size bow. - Instructor will demonstrate having a slight bend at the elbow on the bow arm. - Participants will be given an arm guard and shown how to correctly fit it. - The instructor will watch the participant one at a time when they shoot their first arrow. - This activity will be supervised by an experienced and signed off instructor.

Stuck by arrow	Instructor, Participants, and Public.	<ul style="list-style-type: none"> - The instructor will set up the range with signs and overshoot lines to prevent the public walking into the activity area. Refer to the activity station set up document. - Participants will be given the correct size arrows by the instructor to ensure no one shoots an undersized arrow. - The instructor will include the STOP command in their safety brief. - There is a zero tolerance on misuse of this equipment, participants will be removed from the activity if they present a risk to others. - Instructor will provide first aid in line with the first aid training and will report incidents in line with the emergency action plan. - A first aid kit will be always kept accessible.
Crushed	Instructors & Participants	<ul style="list-style-type: none"> - Participants will be shown how to collect arrows from the target/boss. (One hand on the target always). - Arrows which are difficult to remove the instructor will assist. - The bosses will be placed firmly against the boss stand. - The boss arms will be checked as part of the pre-use checks. - The backstop netting and frame will be pegged down. - Use of weather report to highlight adverse conditions.
Walked into arrow.	Instructors & Participants	<ul style="list-style-type: none"> - Participants will be shown how to collect arrows safely. (Walk toward the side of your target). - There is a strict no running rule. - Depending on the groups age, ability, and understanding the instructor may decide that they will be the only person to collect arrows.
Over crowding	Instructors & Participants	<ul style="list-style-type: none"> - This activity can have a maximum of 6 people shooting at once. - Participants will be placed 1+ metres apart from on another on the shooting line. - The rest of the group will be placed at the waiting line 10 metres behind the shooting line. - The participants at the waiting line are asked not to shout or talk to the participants at the shooting line. - The activity is supervised by an experienced and signed off instructor.

		- If the instructor feels there is too many spectators, the activity will be stopped until it have dropped to a manageable number.
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Created by	Dan Pritchard	16/02/2021	
Reviewed by	Daniel Pritchard	11/03/2021	Pre-use check sections added.
Reviewed by	Daniel Pritchard	13/07/2022	COVID 19 section
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Reviewed by	Daniel Pritchard	27/02/2023	Rebranded from Everyone's Adventure to The Outdoor Ed School