

# Risk Assessment Activity – Laser Tag

Pioneer Centre	Assessed by: James Kniffen	Assessed/Reviewed:	Next Review Date
		031/01/2023 07/01/2025 12/12/2025	12/12/2026
Reviewed by:	Assist Chief: Max Bishop		
Reviewed by:	Senior Instructors: Andrew Evrard, Joseph Page, Steph McMenemy, Kieren Plant & Ronan Halpenny Lead Instructors: Rebecca Arms	Dec 2025	

**Overview:** Laser tag is run in one of the woodland areas onsite and has a purpose-built element to make the session fun and educational and indoor laser can be done in one of the larger halls for the winter period if deemed appropriate. The aim of the session is to encourage teamwork through using the Plan, Do, Review framework with the participants throughout the session. The area is maintained by the activities and maintenance team and bimonthly safety checks carried out to ensure all elements and equipment are in good working order and safe for use. Instructors provide supervision of the group during this activity and have been in house trained to lead the sessions. Preferred Staff to Client ratio 1:15 with a maximum of 2:30. All instructors are first aid trained and emergency procedures are in place in case of a major accident.

Hazards	Groups of People at Risk from the Hazards Identified	Probability Severity Risk Category	Control Measures – Reduces the severity and lowers the probability to acceptable levels
Slips, trips & falls	Instructors, staff and guest/participants	Likely	A bimonthly safety check inspection of the area is carried out by instructors. Instructors visually check the site on day of delivery. The group are walked over in a controlled manner. Safety Rule (given during briefing) – No running during the session which instructors ensure with diligent group monitoring and correcting. The area is regularly monitored for trip hazards and removed upon discovery.
		Major	
		High	
Running/walk into a tree/ branch or course element	Instructors, staff and guest/participants	Likely	Safety Rule (given during briefing) – No running during the session and a clear demonstration on how to use the course elements is given. Removal of all low-lying branches from trees, everything under 6 foot as a minimum done and maintained on a monthly safety check and if discovered on session the area will be blocked off till cut back or cut back immediately. The area is checked monthly and maintained by the Activities department and maintenance team. The instructors also ensure groups keep to the dedicated area to prevent injury from wild forest areas – brief given on boundary and monitored and ensured by instructors.
		Major	
		High	

Being hit with a gun (Children may hit each other with guns during the session)	Instructors, staff and guest/participants	Very unlikely Minor Low	Safety Rule (given during briefing) – No Violence, anyone showing violence during the game will be removed from the session.
Falling Hanging Deadwood (Branches falling from the trees)	Instructors, staff and guest/participants	Very unlikely Major Medium	Helmets to be worn when activity is taking place. Area continually monitored; any hanging deadwood removed beforehand – maintenance team to check and cut back every 6 months. Instructors will report any suspect branches/trees immediately to senior staff and maintenance and block off the area while being dealt with.
Environmental Hazards	Instructors, staff and guest/participants	Unlikely Fatal High	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. Forest areas are not used in the event the wind 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.
Collisions between people	Instructors, staff and guest/participants	Likely Minor Medium	Helmets are to be worn when activity is taking place. Participants are warned of the hazard colliding and instructors are present to keep control of the group and maintain a safe playing of planned activities.
Medical needs (Asthma, injuries, Heart issues – anything that could be affected by exercise)	Instructors, staff and guest/participants	Likely Fatal High	All Medical needs checked and recorded on medical form, and anything needed to be carried such as Inhalers/EpiPens should be present and easily accessible with a responsible adult. Regular rest breaks are taken between rounds to allow for recovery and prevent medical issues from flaring up. Participants are not allowed to partake in the session without required medical equipment/medication.
Epileptic reaction due to flashing lights	Instructors, staff and guests/participants	Very Unlikely Major Injury Medium	All medical needs checked and recorded on medical form; instructors can change settings on the weapons to remove the flashing lights that may cause a fit.