

## Braeside Education Centre - Activity Risk Assessment

<b>Assessment of:</b>		High Ropes Course including Crate Stack, Leap of Faith, Jacobs Ladder, High All Aboard, & Parallel poles		<b>Venue:</b>	Braeside education centre – High Ropes Course	
<b>Assessor:</b>		Josh Simons		<b>Date:</b>	Jan 2025	<b>Review Date:</b> Jan 2026
<b>ID</b>	<b>Hazards Identified</b> I.e.: what can cause harm?	<b>Persons at Risk</b> I.e.: who could be harmed by the hazard?	<b>Current Risk Factor</b> (High, medium or low) I.e.: determine the level of risk	<b>Actions to be Taken to Minimize each Risk</b> I.e.: what action can you take to lower the level of risk		<b>New Risk Factor</b> (High, medium or low) I.e.: risk factor after action taken to minimize the risk
<b>❖ General</b>						
1	Falling (max height 10 m)	<ul style="list-style-type: none"> <li>Braeside Staff</li> <li>Participants</li> </ul>	High	<ul style="list-style-type: none"> <li>Participants only to be clipped/unclipped by a trained person.</li> <li>Instructors working at height must have two fixed attachments unless undertaking an activity that a participant could do. One must be above.</li> <li>All Participants will be briefed not to touch or use metalwork.</li> <li>Qualified/Trained instructor to be present at all times,</li> <li>All set up to be checked before use by a trained instructor</li> <li></li> </ul>		Low
2	Jewellery, long hair, and clothing catching or snagging	<ul style="list-style-type: none"> <li>Braeside Staff</li> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Ensure hair is tied back and jewellery is removed.</li> <li>Any loose baggy clothing to be avoided or tucked in.</li> </ul>		Low

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3	Structure or kit failure	<ul style="list-style-type: none"> <li>Braeside Staff</li> <li>Participants</li> <li>Anyone in proximity</li> </ul>	High	<ul style="list-style-type: none"> <li>Daily Routine checks, Operational inspection (3 months), periodical inspections and Tree Inspection are all carried out.</li> <li>Anyone entering the high ropes area must be wearing a helmet.</li> </ul>	Low
4	Trips and slips on ground and course	<ul style="list-style-type: none"> <li>Braeside Staff</li> <li>Participants</li> <li>Anyone in proximity</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Verbal briefing about uneven surface, slippery decking on top of Platform.</li> <li>Decking cleared and scrubbed when necessary.</li> <li>Verbal warning of ground anchors.</li> <li>Ground anchors Brightly taped.</li> <li>Slack to be kept out of belay system to avoid excessive falls.</li> </ul>	Low
5	Injury of qualified/trained instructor – loss of instructor	<ul style="list-style-type: none"> <li>Braeside Staff</li> <li>Participants</li> </ul>	High	<ul style="list-style-type: none"> <li>Two members of Braeside staff to be on site when high ropes sessions are being run.</li> </ul>	Medium
6	Incorrectly fitted kit, or participants fiddling with kit.	<ul style="list-style-type: none"> <li>Participants</li> </ul>	High	<ul style="list-style-type: none"> <li>Harness and helmets to be checked at time of fitting by a trained person.</li> <li>Harness and helmets checked before Participant leaves ground level.</li> <li>Participants warn to not fiddle or alter their own kit</li> <li>Briefed to speak to instructor if feels uncomfortable or needs to removed, adjusted or re fitted after removing.</li> </ul>	Low
7	Medical incident	<ul style="list-style-type: none"> <li>Braeside Staff</li> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>A first aid trained Braeside instruction to be present.</li> <li>Suitable qualified member of staff to be on site to deal with any rescues or managed lower offs from climbing wall.</li> </ul>	Low

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8	Belayer fails to control system	<ul style="list-style-type: none"> <li>Braeside Staff</li> <li>Participants</li> </ul>	High	<ul style="list-style-type: none"> <li>Untrained Belayers to always be backed up by another individual and ground anchored.</li> <li>Instructors to only supervise 2 belayers at a time.</li> <li>Assisted braking devices can be used.</li> </ul>	Low
<b>❖ Crate Stack</b>					
9	Injury from crates – finger traps sharp edges etc	<ul style="list-style-type: none"> <li>Braeside Staff</li> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Users warned about getting fingers / hands / feet stuck in crate holes.</li> <li>Any broken crates with sharp edges to be removed or sanded smooth.</li> </ul>	Medium
10	Participant collision	<ul style="list-style-type: none"> <li>Braeside Staff</li> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Users warned and have awareness raised of participants collision with each other, crate stack, and Poles.</li> <li>Helmets to be worn by all participants.</li> <li>Crate passes to be given instructions of safe areas to stand.</li> </ul>	Medium
11	Crates/climbers swinging through the air	<ul style="list-style-type: none"> <li>Braeside Staff</li> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Users warned to turn away as crates fall.</li> <li>Encourage passers to stay on up hill side and stand away from stack as it falls or pushed.</li> <li>Everyone to be moved out of area when crates are falling.</li> </ul>	Medium
<b>❖ Leap of Faith</b>					
12	Participant climbing before clipped or belayer ready	<ul style="list-style-type: none"> <li>Participants</li> </ul>	High	<ul style="list-style-type: none"> <li>No one to enter climbing area until asked.</li> <li>Verbal brief to wait till instructed to climb.</li> <li>If two instructors, good communication between instructors.</li> </ul>	Low
13	Ground fall from rope stretch	<ul style="list-style-type: none"> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Participant asked not to jump from ladder.</li> <li>Belayer to keep rope as tight as possible.</li> <li>Ladder to be tied tight to pole.</li> <li>See ID 17</li> </ul>	Low

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14	Participant collision	<ul style="list-style-type: none"> <li>Braeside Staff</li> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Verbal brief that they may swing back into the pole/platform even more so if they fall/jump before platform.</li> <li>Brief participant to use hands and feet to protect body and try to turn and face pole.</li> <li>Instructor to limit swing with a rope catch on a planned fall.</li> </ul>	Low
15	Rope Burn when jumping	<ul style="list-style-type: none"> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Warned about hazards of rope holding in brief.</li> <li>Reminded before jumping if necessary.</li> </ul>	Low
16	Jumping before belayer is ready (Hard catch / whip lash)	<ul style="list-style-type: none"> <li>Participants</li> <li>Braeside Staff</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Description of methods of leaving platform.</li> <li>Briefed to wait till instructed to go.</li> <li>Good communication between instructor and participant.</li> <li>Instructor to be as dynamic as possible when belay.</li> <li>Dynamic Rope to be used</li> </ul>	Low
17	Participant outweighing belayer	<ul style="list-style-type: none"> <li>Participants</li> <li>Braeside Staff</li> </ul>	High	<ul style="list-style-type: none"> <li>Instructor to clip to ground anchor if they suspect the weight of the participant is above or close to their own.</li> <li>Dynamic rope to be used and sheer reduction blocks in use.</li> </ul>	Low
<b>❖ Jacobs Ladder</b>					
18	Participant climbing before clipped or belayer ready	<ul style="list-style-type: none"> <li>Participants</li> </ul>	High	<ul style="list-style-type: none"> <li>Verbal brief to wait till instructed to climb.</li> <li>Good communication between instructors.</li> <li>Bottom two runs removed when not in use.</li> </ul>	Low
19	Holding/pulling of wires/ropes/pole/people	<ul style="list-style-type: none"> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Briefed on what can and cannot be held or pulled on. Repeated throughout session if necessary.</li> <li>Warning of splinters.</li> </ul>	Low

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20	Contact with other participants	<ul style="list-style-type: none"> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Briefed to always be aware of where their limbs are and to look out for others.</li> <li>Only use another participant to stand on if they are willing.</li> <li>Warned to take care when helping each other up.</li> <li>Instructor to step in and stop participants if they feel an injury may get caused.</li> </ul>	Low
21	Participant climbing too fast for belayers	<ul style="list-style-type: none"> <li>Participants</li> </ul>	High	<ul style="list-style-type: none"> <li>Instructor to supervise/back up there two ropes and to stop climber if necessary.</li> </ul>	Low
22	Contact with poles/wires on decent	<ul style="list-style-type: none"> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Instructor to control all lowering.</li> <li>One participant to be lowered at a time</li> <li>Participants briefed to use feet to hold them self away from poles.</li> <li>Ladder can be pulled away from descending climber if needed.</li> </ul>	Low
<b>❖ High All Aboard</b>					
24	Participant climbing before clipped or belayer ready	<ul style="list-style-type: none"> <li>Participants</li> </ul>	High	<ul style="list-style-type: none"> <li>Verbal brief to wait till instructed to climb.</li> <li>Good communication between instructor and participant.</li> <li>Instructor to always have eyes on pole.</li> </ul>	Low
25	Holding/pulling of ropes /people	<ul style="list-style-type: none"> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Briefed on what can and cannot be held or pulled on. Repeated throughout session if necessary.</li> </ul>	Low
26	Contact with other participants	<ul style="list-style-type: none"> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Warned to take care when helping each other up.</li> <li>Instructor to step in and stop participants if they feel an injury may get caused.</li> </ul>	Low
27	Participant climbing too fast for belayers	<ul style="list-style-type: none"> <li>Participants</li> </ul>	High	<ul style="list-style-type: none"> <li>Instructor to back up belayer and to stop climber if necessary.</li> </ul>	Low

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28	Contact with pole on decent	<ul style="list-style-type: none"> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Instructor to control all lowering.</li> <li>One participant to be lowered at a time</li> <li>Participants briefed to use feet to hold them self away from poles.</li> </ul>	Low
29	Belayer being left with tied off belay	<ul style="list-style-type: none"> <li>Participants</li> </ul>	High	<ul style="list-style-type: none"> <li>Verbal brief before they are left with tied off belay.</li> <li>Tail of rope clip up if necessary</li> <li>Supporting adult/instructor to be left with belay in necessary</li> </ul>	Low
<b>❖ Parallel Poles</b>					
30	Participant climbing before clipped or belayer ready	<ul style="list-style-type: none"> <li>Participants</li> </ul>	High	<ul style="list-style-type: none"> <li>Verbal brief to wait till instructed to climb.</li> <li>Good communication between instructor and participant</li> </ul>	Low
31	Contact with other participants	<ul style="list-style-type: none"> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Warned to take care when passing and to work together.</li> <li>Instructor to step in and stop participants if they feel an injury may get caused.</li> <li>Instructor not to lower until other participant is out of the way</li> </ul>	Low
32	Contact with pole/ropes/platforms on decent	<ul style="list-style-type: none"> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Instructor to control all lowering.</li> <li>One participant to be lowered at a time.</li> <li>Participants briefed to use feet to hold them self away from course.</li> </ul>	Low
33	Ground fall from rope stretch	<ul style="list-style-type: none"> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Participant asked not to jump from ladder.</li> <li>Belayer to keep rope as tight as possible.</li> <li>Ladder to be tied tight to pole.</li> </ul>	Low
34	Slipping on course	<ul style="list-style-type: none"> <li>Participants</li> </ul>	Medium	<ul style="list-style-type: none"> <li>Brief that Care to be taken by participant while on course</li> <li>Warn Participants that racing could course injury if they slip</li> </ul>	Low