

## Activity Risk Assessment: - Raft Building

Carlton Lodge recognises that using a suitably trained / qualified instructor will vastly reduce the inherent risks of the activity. Therefore all Carlton Lodge Activities will be led by suitably trained / qualified instructors.

No	Hazard	Who it effects	Unmanaged risks	Control Measures	Managed Risk
1	Drowning	Instructors & Group	High	<ul style="list-style-type: none"> <li>• Instructor training and experience.</li> <li>• Assessment of groups' abilities.</li> <li>• All participants on or in/near the water should wear correctly fitted and checked buoyancy aids.</li> <li>• Staff using canoe as a safety/rescue boat.</li> <li>• Ensure raft is secure and stable before allowing it to enter the water.</li> <li>• Tailor length of raft trip to the suitability of the raft.</li> <li>• Throw line available for use from the bank.</li> <li>• Avoid students wearing heavy clothing/footwear.</li> <li>• Instructor knowledge of weak/non-swimmers.</li> <li>• Control of groups' actions whilst on the raft.</li> </ul>	Low
2	Cuts & Bruises	Instructors & Group	Medium	<ul style="list-style-type: none"> <li>• Inspection of equipment and construction of raft to ensure no gaps/loose planks/ loops in ropes, for limbs to become trapped.</li> <li>• Footwear to be worn at all times (on &amp; off the water)</li> <li>• Wearing correct fitting helmets.</li> <li>• Discourage 'messing around' on the raft and jetty area during launch and recovery.</li> </ul>	Low
3	Infection	Instructors & Group	Low	<ul style="list-style-type: none"> <li>• Cover all cuts/new piercing etc.</li> <li>• Advise all students to shower after finishing water activities.</li> </ul>	Low
4	Entrapment	Instructors & Group	High	<ul style="list-style-type: none"> <li>• Brief group to keep limbs away from tied and tensioned ropes.</li> </ul>	Low

				<ul style="list-style-type: none"> <li>• Tie away loose ends.</li> <li>• Instructors to ensure that they are sufficiently close to perform a rescue if needed.</li> </ul>	
5	Hyper/Hypothermia and Exposure	Instructors & Group	Medium	<p>Instructors should ensure that the group is appropriately clothed for the weather (e.g. Waterproofs, hat, gloves, warm clothes, sun-lotion etc.).</p> <p>Instructors should ensure that group is appropriately hydrated and monitor the state of all individuals within the group.</p> <p>Instructors should be prepared to stop or have a break during the session.</p>	Low
6	Other activities	Instructors & Group	Medium	<ul style="list-style-type: none"> <li>• Keep raft away from other activities taking place. Unless interaction between groups is appropriate.</li> </ul>	Low
7	Bank side obstacles and branches.	Instructors & Group	Medium	<ul style="list-style-type: none"> <li>• Brief group to stay away from obstacles.</li> <li>• <i>Maintain bank and manage vegetation growth.</i></li> </ul>	Low
8	Difference in water depths	Instructors & Group	Medium	<ul style="list-style-type: none"> <li>• Instructor to have a basic knowledge of lake depths.</li> <li>• Use appropriate part of lake for different skills and games.</li> <li>• Brief group on water depths and what to do if they fall in.</li> </ul>	Low
9	Struck by paddle	Instructors & Group	Medium	<ul style="list-style-type: none"> <li>• Instruct group of the correct method of holding the paddle, ensure hand is over T-grip. Good supervision throughout.</li> </ul>	Low
10	Flipping raft	Group	Low	<ul style="list-style-type: none"> <li>• Ensure weight of group is evenly distributed over the raft.</li> </ul>	Low
11	Raft breaking/ falling apart	Group	Medium	<ul style="list-style-type: none"> <li>• Ensure raft is built with the aims and objectives of the session in mind</li> <li>• Ensure appropriate safety measures are in place at all times.</li> </ul>	Low
12	Injury caused by careless handling of raft components.	Group & instructor	Medium	<ul style="list-style-type: none"> <li>• Good brief from the instructor at beginning of the session.</li> <li>• Instructor to vigilant through out the session.</li> </ul>	Low

				<ul style="list-style-type: none"> <li>• Instructor to adopt correct manual handling procedures.</li> </ul>	
13	Falling off the jetty and tripping on land.	Group	Medium	<ul style="list-style-type: none"> <li>• Brief group on techniques for getting on and off the raft and safe manual handling of the raft on uneven ground including the jetty.</li> <li>• Make group aware of tree roots as a tripping hazard.</li> </ul>	Low