

# RISK MANAGEMENT PLAN

<b>Activity:</b>	<b>Challenge ropes course (high)</b>	<b>Location:</b>	<b>Mountain Trails</b>	<b>Supervision ratio:</b>	<b>3:15, + teacher present if a school program</b>
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**Experience of participants:** Varied – novice to intermediate

<b>AIMS OF THE ACTIVITY</b>	<b>QUALIFICATIONS AND EXPERIENCE OF ACTIVITY GUIDES</b>	<b>STUDENT REQUIREMENTS AND SAFETY</b>
<ol style="list-style-type: none"> <li>For the students to be challenged in a safe environment.</li> <li>For the students to work together to support individuals</li> <li>For the group to support individual differences of group members.</li> <li>For the students to gain skills in team work, roping, climbing and initiatives</li> </ol>	<p><b>What are the current experience, competencies qualifications needed for this activity?</b></p> <ul style="list-style-type: none"> <li>VETAB training to industry standards</li> <li>Certificate III or IV/Peer reviewed</li> <li>Recent experience at the location</li> <li>Training in group management and emergency response</li> <li>Current first aid certificate</li> </ul>	<b>How will the students be supervised?</b> 1:3 while on the course, remainder of participants supervised at beginning of the course.
		<b>How will the staff be deployed?</b> in three locations, observing all points of the course
		<b>Over what area will students be spread?</b> 150m <sup>2</sup>
		<b>What activities will students do as preparation for this activity?</b> Safety briefing and demonstration
		<b>Have the students been tested for any prerequisite skills? (eg swimming) NA</b>

## EQUIPMENT USED IN THIS ACTIVITY

<b>Equipment / Protective clothing</b>	<b>Industry Standard</b>	<b>Are there safety checks carried out?</b>		<b>Is the equipment appropriate for age group?</b>	<b>What can go wrong? Action in event of failure</b>	
		<b>Yes</b>	<b>No</b>			<b>How often</b>
wire/rope elements and movable parts	UIAA/CE and Aust. standard	Yes		prior to each session and 12 monthly inspection by independent body	Yes	element fails inspection – element not used
Harnesses (Sit and Chest)	UIAA/CE	Yes		at equipment issue	Yes	replace if damaged
Tapes	UIAA/CE	Yes		at equipment issue	Yes	replace if damaged
Hardware	UIAA/CE	Yes		at equipment issue	Yes	Hardware break – hardware backup
Helmets	UIAA/CE	Yes		at equipment issue	Yes	replace if damaged

## IDENTIFY THE RISKS (Potential loss – physical, emotional, etc.) AND SCORE (Using accompanying model)

<b>#</b>	<b>RISK</b>	<b>SCORE</b>	<b>#</b>	<b>RISK</b>	<b>SCORE</b>
1	Poor weather	Low	5	Unsafe act of Participant	Moderate

2	Equipment failure	Low	6	Dangerous fauna	Low
3	Poor Facilitation		7	Injury from fall from and element	Low
4	Falling tree limbs	Low	8	Unauthorised use	Low

May 2015

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### IDENTIFY THE CONTRIBUTING FACTORS AND MANAGEMENT STRATEGIES TO COMBAT THOSE FACTORS

CATEGORY	CONTRIBUTING FACTORS	MANAGEMENT STRATEGY
<b>PEOPLE</b> Attributes people bring to an activity such as skills, attitudes, age, physical fitness, health numbers, etc.	<ol style="list-style-type: none"> <li>Unresponsive participants, work stress of activity guide</li> <li>Excited/nervous participants, unruly behaviour</li> <li>Participant ridicule</li> <li>Peer pressure</li> </ol>	<ol style="list-style-type: none"> <li>Responsible rostering, teaching staff briefing, demonstration of procedure and safety briefing</li> <li>Safety briefing, discipline unruly behaviour, group management</li> <li>Maintain participants group 'Full Value Contract'</li> <li>Conduct session in 'Challenge by Choice' framework</li> </ol>
<b>EQUIPMENT</b> Resources that impact on the activity such as clothing, helmets, ropes, harnesses, tents, hardware, etc.	<ol style="list-style-type: none"> <li>Age and constant use, weathering, incorrect connection technique</li> </ol>	<ol style="list-style-type: none"> <li>Pre activity check, annual arborist and expert inspections, quarterly maintenance checks, briefing regarding safe connection and transfers.</li> </ol>
<b>ENVIRONMENT</b> Factors that impact on the activity such as weather, terrain, water, tides, fire, flora, fauna, wind, etc.	<ol style="list-style-type: none"> <li>Stormy conditions and extreme temperatures</li> <li>High winds, unhealthy trees</li> <li>Season, poor site maintenance</li> </ol>	<ol style="list-style-type: none"> <li>pre activity weather check and in the field observations</li> <li>pre activity check, annual arborist inspection</li> <li>activity guide demonstration, in the field observations</li> </ol>
<b>OCCUPATIONAL HEALTH AND SAFETY</b> Factors which might arise if a regulation or safety guideline was not followed	<ol style="list-style-type: none"> <li>poor spotting, lack of impact dampening material</li> <li>wandering participants in free time</li> </ol>	<ol style="list-style-type: none"> <li>briefing and practice of spotting skills, regular maintenance and chip barking</li> <li>'deny access' procedures and monitoring of site boundaries</li> </ol>

### EMERGENCY MANAGEMENT PLAN

1. Keep group together	How remote is the activity from sources of assistance?	on site
2. Implement Emergency Management Plan	How would help be called?	phone, radio messenger
3. Alert teaching staff to Management Plan	How long would it take to get help after an accident?	other staff – 5 mins ambulance – 50 mins

**REPORT PREPARED BY: Bronwyn Pye    DATE: 12/05/2015    REPORT APPROVED BY: Malcolm Bennett**

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