



## Adventure Activity Risk Register

### Downhill Skiing

<b>Location:</b>	Downhill Skiing	<b>Time of Year:</b>	Term 3
<b>Communications ability rating:</b>	BOEC Radio Network & 3G Phones	<b>Year level:</b>	8-12

<b>Learning Outcomes:</b> 1. To be tolerant towards other group members ability. 2. Safe instruction to a potential lifelong recreation. 3. Understand skiing skills. 4. To learn about sustainability in an Alpine environment.	<b>BOEC staff responsibilities:</b> 1. Implement all controls below & assess ongoing risks. 2. Facilitate learning outcomes. <b>Visiting staff responsibilities:</b> 1. Non-activity supervision. 2. Monitor and assess student welfare learning and safety.
Past incident data: 2005-8 data indicated that collisions and falls are the main causes of injuries. Experienced staff report the need to manage the group for weather extremes, and to monitor variations in snow conditions.	Date Risk Assessment completed: 7/12/08 Date Risk Assessment reviewed: Review Cycle: Annually
Please Note: Risks may exist that have not been identified in the table below. Organisational tolerance: ROSA accepts the post-control residual risk as tolerable within the educational context of the activity. List 12-20 key risks. Consider the potential for energy to be transferred when deciding which risks are key. Refer to past incident data. Use the hierarchy of risk control to select an appropriate control.	

Likelihood (Probability and frequency of exposure)		
Descriptor	Rating	Description
Eliminated	0	Risk eliminated
Unlikely	1	May occur, but only in exceptional circumstances
Possible	2	Might occur at some time.
Likely	3	Will probably occur in most circumstances.
Almost certain	4	Is expected to occur in most circumstances.
Certain	5	Is expected to occur in all circumstances.

Consequence (Likely outcome)		
Descriptor	Rating	Description
Minor	1	No injuries, bruising, temporary rash / irritation. Dealt with by staff in the field,
Important	2	First aid treatment, irritation, discomfort, nausea, Dealt with by staff in the field
Serious	3	Evacuation and medical treatment required, unconsciousness, fractures, dislocation.
Major	4	Extensive injuries, permanent disability,
Catastrophic	5	Fatal injuries

Risk Rating Legend		
Score	Assessment of Risk	Priority of Action
1-4	LOW	Address or repair if possible. Schedule for action after other risks have been controlled.
5-7	MEDIUM	Further improvements required: assess feasibility for risk controls.
8-13	HIGH	Risk controls required to continue with activity.
+14	EXTREME	Immediate attention required. Consider stopping activity or alternate program until adequate controls are implemented.

Risk Assessment pre controls				Falls from Height
Hazard	Likelihood	Consequence	Risk Rating	Controls
Falls greater than 2 metres.	2	4	8 <b>HIGH</b>	<ul style="list-style-type: none"> <li>Students prohibited from skiing in terrain where such a fall is likely.</li> <li>Students briefed on correct chairlift riding procedure and monitored for correct use of all lifts</li> <li>Ongoing monitoring and supervision as appropriate</li> </ul>

Risk Assessment pre controls				Manual Handling
Hazard	Likelihood	Consequence	Risk Rating	Controls
Manual Handling	2	3	6 <b>MED</b>	<ul style="list-style-type: none"> <li>Correct lifting methods for ski equipment transport are used</li> <li>Care is taken when assisting a person who has fallen over</li> </ul>

Risk Assessment pre controls				Collisions
Hazard	Likelihood	Consequence	Risk Rating	Controls
Collision with other skiers	3	3	9 <b>HIGH</b>	<ul style="list-style-type: none"> <li>Students' speed is controlled.</li> <li>Groups assemble in low traffic high visibility areas where possible</li> <li>Students briefed on alpine responsibility code</li> <li>Staff member manages groups to minimise congestion</li> </ul>
Collision with fixed object	3	3	9 <b>HIGH</b>	<ul style="list-style-type: none"> <li>Students' speed is reduced near fixed objects.</li> <li>Students instructed to avoid skiing too close to fixed objects where possible.</li> <li>Common fixed object hazards are identified and avoidance strategies are outlined.</li> <li>Skiing on runs with many fixed objects is minimised</li> </ul>
Collision with Vehicles	2	4	8 <b>HIGH</b>	<ul style="list-style-type: none"> <li>Explanation to group of possible upcoming hazards including snow type and condition, while keeping speed low.</li> <li>Group Teacher to lead group at front on all village roads.</li> <li>Group tightly bunched (possibly single file).</li> <li>Stopping at all intersections as per pedestrian road rules.</li> </ul>

Risk Assessment pre controls				Environment
Hazard	Likelihood	Consequence	Risk Rating	Controls
Falls less than 2 metres	3	3	9 HIGH	<ul style="list-style-type: none"> <li>Terrain selection appropriate to students ability</li> <li>Appropriate instruction</li> <li>Manage fatigue</li> <li>Correct equipment settings. Staff trained to set bindings.</li> <li>Controlled fall procedures</li> <li>Avoid difficult snow conditions</li> </ul>
Sunburn and snow blindness. Hypothermia.	3	3	9 HIGH	<ul style="list-style-type: none"> <li>Wear U V cream and issue goggles.</li> <li>Issue water proof clothing and gloves and brief students on dress and conditions</li> <li>Monitor students</li> <li>Take a break in a shelter if cold is a problem</li> <li>Hot drinks with lunch</li> </ul>
Severe weather Cold, high winds	3	2	6 MED	<ul style="list-style-type: none"> <li>Wear the protective equipment issued</li> <li>Ski a sheltered run</li> <li>Reduce exposure times</li> <li>Consider alternative activity</li> </ul>
Slips and trips	3	3	9 HIGH	<ul style="list-style-type: none"> <li>Icy or wet surfaces are identified</li> <li>Advice is given to walk slowly</li> <li>Stairs and other trip hazards are avoided as much as possible when ski boots are worn</li> </ul>
Lost student	2	3	6 MED	<ul style="list-style-type: none"> <li>Students are briefed on BOEC lost procedure in resort</li> <li>Close supervision, regular head counts</li> <li>Ski at an appropriate speed especially during bad visibility.</li> </ul>

Risk Assessment pre controls				Falling Objects
Hazard	Likelihood	Consequence	Risk Rating	Controls
Items dropped off Ski Lifts by members of the public	2	3	6 MED	<ul style="list-style-type: none"> <li>Brief students not to stop under chair lifts. Avoid group meetings under chairlifts</li> </ul>