

Appendix 7: GENERIC 'ACTIVITIES – AALA' RISK ASSESSMENT

This appendix contains the Risk Assessment for Generic 'Activities – AALA' Risk Assessment. It uses the system identified in FSC's Risk Assessment OCoP P2 to recognise hazards, assess risks and identify control measures. These control measures are carried forward into the generic statements in OCoP P1. Below is a list of Generic 'Activities - AALA' Risk Assessments and the date of their last review.

Mine Exploration	September 2010
Sea Level Traversing	September 2010
Rafting	September 2010
Mountain Walking	September 2010
Ghyll Scrambling	September 2010
Climbing	September 2010
Canoeing	September 2010
Abseiling	September 2010

Site Risk Assessment: Mine Exploration

 Hazards	Persons at Risk				Risk without controls		Risk rating with controls										<h2 style="text-align: center;">Control Measures</h2>		
	FSC Employee	Students	Non-FSC Staff	Public	All	Worst case outcomes x Likelihood	Risk rating	Outcome					Likelihood					Total Risk Rating	
								1	2	3	4	5	1	2	3	4			5
								Inconvenience	Minor Injury	Injury / Illness	Major Injury	Fatality / Multiple	Unlikely	Rarely	Infrequent	Sometimes	Often		
Drops & floor collapse -Falling from height						5x2	10											5	The tutor to participant ratio must be a maximum of 1:12 plus accompanying adults. The tutor must have the appropriate qualifications and level of competence, as agreed with the technical advisor.
Objects Falling						4x3	12											9	All participants must wear safety helmets.
Water -hypothermia						5x2	10											6	Keep participants away from water, unless necessary for agreed access route. Tutors should take hot flasks.
Restricted access - incidents underground						5x3	15											5	The tutor to participant ratio must be a maximum of 1:12 plus accompanying adults. The tutor must have the appropriate qualifications and level of competence, as agreed with the technical advisor. The intended route must be left at the centre, with an agreed action for emergencies.
Restricted light						5x4	20											6	Group must carry appropriate lighting equipment.


To be read in conjunction with Generic "Out of Classroom" Risk Assessment

Site Risk Assessment: Sea Level Traversing

Hazards	Persons at Risk				Risk without controls		Risk rating with controls										Control Measures					
	FSC Employee	Students	Non-FSC Staff	Public	All	Worst case outcomes x Likelihood	Risk rating	Outcome					Likelihood					Total Risk Rating				
								1	2	3	4	5	1	2	3	4			5			
Tides - drowning						5x3	15														5	Tide times and predicted height must be checked before the session and considered in relation to weather conditions.
Objects falling - head injury						4x3	12														9	All participants must wear an appropriate safety helmet.
Falling from height						5x2	10														10	The tutor to participant ratio must be a maximum of 1:12 plus accompanying adults. The tutor must have the appropriate qualifications and level of competence, as agreed with the technical advisor. Tutor should brief participants on safe method of traversing and must specify height to which participants can climb. Participants feet should be no higher than the tutors waist/chest.
Sharp rocks/ cracks - Degloving						4x2	8														4	Rings and inappropriate jewellery should be removed prior to th activity.

To be read in conjunction with Generic "Out of Classroom" Risk Assessment

Site Risk Assessment: Rafting

 Hazards	Persons at Risk				Risk without controls		Risk rating with controls										Control Measures						
	FSC Employee	Students	Non-FSC Staff	Public	All	Worst case outcomes x Likelihood	Risk rating	Outcome					Likelihood					Total Risk Rating					
								1	2	3	4	5	1	2	3	4			5				
Water- drowning						5x4	20															5	Ensure Buoyancy Aids are worn at all times on and near the water and are fitted correctly. Helmets must be worn on the water. Brief students of what to do if they fall into water.
Hypothermia						5x1	5															3	In cold weather, participants should only be allowed to immerse at the end of the session.
Entrapment						3x4	12															6	Ensure there are minimum amounts of rope trailing in water and if a trailing tether line is used, it should have a free end and be easy to release. Brief participants on rafting hazards including entrapment of fingers and feet between barrels or spars.
Bumps & Scrapes						3x4	12															6	Helmets must be worn on the water and should be worn during construction of the raft. Brief participants on rafting hazards including paddle injuries. Ensure raft if built BA's must be worn. The tutor to participant ratio must be a maximum of 1:12 plus accompanying adults. The tutor must have the appropriate qualifications and level of competence, as agreed with the technical advisor. Assess 'seaworthiness' of raft and appropriateness of the raft for the group.
Raft collapse - group dispersal						3x5	15															6	

To be read in conjunction with Generic "Out of Classroom" Risk Assessment

Site Risk Assessment: Mountain Walking

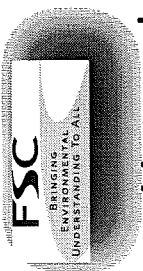


Hazards

Hazards	Persons at Risk				Risk without controls		Risk rating with controls										Control Measures							
	FSC Employee	Students	Non-FSC Staff	Public	All	Worst case outcomes x Likelihood	Risk rating	Outcome					Likelihood					Total Risk Rating						
								1	2	3	4	5	1	2	3	4			5					
Falling from height						5x2	10																	The tutor to participant ratio must be a maximum of 1:12 plus accompanying adults. The tutor must have the appropriate qualifications and level of competence, as agreed with the technical advisor.
Lower leg injury						5x2	10																	Footwear with good grip and ankle support should be worn. Tutors should brief students about blister prevention, and on decent techniques appropriate to the terrain.
Weather -hypothermia						5x2	10																	Group safety equipment must be carried, including a map of a scale greater or equal to 1:50,000. The intended route must be left at the centre.


To be read in conjunction with Generic "Out of Classroom" Risk Assessment

Site Risk Assessment: Ghyll Scrambling

 Hazards	Persons at Risk				Risk without controls		Risk rating with controls										Control Measures							
	FSC Employee	Students	Non-FSC Staff	Public	All	Worst case outcomes x Likelihood	Risk Rating	Outcome					Likelihood					Total Risk Rating						
								1	2	3	4	5	1	2	3	4			5					
Water - drowning						5x2	10																	Buoyancy Aids and Helmets must be warn.
Falling stones						5x2	10																	Helmets must be warn and climbing helmets advised.
Hypothermia						3x5	15																	Hot flasks should be considered. Students encourage to stay dry above waist until half way up the ghyll.
Slippery rocks -slips & bumps						3x4	12																	Helmets must be warn. Brief students on how to navigate slippery rocks.
Falling from height						5x3	15																	Keep participants away from cliff edges. Ensure participants are spotted where necessary. The tutor to participant ratio must be a maximum of 1:12 plus accompanying adults. The tutor must have the appropriate qualifications and level of competence, as agreed with the technical advisor.

To be read in conjunction with Generic "Out of Classroom" Risk Assessment

Site Risk Assessment: Climbing

 Hazards	Persons at Risk				Risk without controls		Risk rating with controls										<h2 style="text-align: center;">Control Measures</h2>						
	FSC Employee	Students	Non-FSC Staff	Public	All	Worst case outcomes x Likelihood	Risk rating	Outcome					Likelihood					Total Risk Rating					
								1	2	3	4	5	1	2	3	4			5				
Falling from height						5x3	15														5	Helmets and harnesses must be worn and fitted correctly. Participants must be tied in correctly and checked by instructor. Correct belaying techniques must be taught and belayers supervised. Instructor must be within reach of the dead rope. Instructors should be attached to a safety line when setting up the climbs at the top of a crag.	
Falling objects - head injury						5x3	15															10	Helmets to be worn. Keep away from bottom of slab when instructor setting up ropes. Warn students of the call "below"
Participants belaying each other						5x3	15															4	The tutor to participant ratio must be a maximum of 1:12 plus accompanying adults. The tutor must have the appropriate qualifications and level of competence, as agreed with the technical advisor Tutor must supervise belaying and be within reach of dead rope.


To be read in conjunction with Generic "Out of Classroom" Risk Assessment

Site Risk Assessment: Canoeing

Hazards	Persons at Risk				Risk without controls		Risk rating with controls										Control Measures					
	FSC Employee	Students	Non-FSC Staff	Public	All	Worst case outcomes x Likelihood	Risk rating	Outcome					Likelihood					Total Risk Rating				
								1	2	3	4	5	1	2	3	4			5			
Water - drowning						5x4	20														5	Ensure Buoyancy Aids are worn at all times on and near the water and are fitted correctly. Helmets must be worn for games, and should be worn on moving water. Brief students of what to do if they fall into water.
Hypothermia						5x1	5														3	In cold weather, 'wet' games should be carried out at the end of the session, and hot flasks should be carried.
Capsizing - group dispersal						3x4	12														6	BA's must be worn. The tutor to participant ratio must be a maximum of 1:12 plus accompanying adults. The tutor must have the appropriate qualifications and level of competence, as agreed with the technical advisor.
Bumps & Scrapes						3x4	12														6	Helmets must be worn for games, and should be worn on moving water. Brief participants on canoe hazards including paddle injuries and entrapment of fingers between canoes or spars.

To be read in conjunction with Generic "Out of Classroom" Risk Assessment

Site Risk Assessment: Abseiling

 Hazards	Persons at Risk				Risk without controls		Risk rating with controls										<h2 style="text-align: center;">Control Measures</h2>						
	FSC Employee	Students	Non-FSC Staff	Public	All	Worst case outcomes x Likelihood	Risk rating	Outcome					Likelihood					Total Risk Rating					
								1	2	3	4	5	1	2	3	4			5				
Falling from height						5x3	15																<p>Helmets and harnesses must be worn and fitted correctly. Participants must be tied in correctly and checked by instructor. Participants must be briefed on use of abailing device and attached to a safety rope. Instructors should be attached to a safety line when setting up the climbs at the top of a crag. The tutor to participant ratio must be a maximum of 1:12 plus accompanying adults. The tutor must have the appropriate qualifications and level of competence, as agreed with the technical advisor</p>
Falling objects - head injury						5x3	15																<p>Helmets to be worn. Keep away from bottom of slab when instructor setting up ropes. Warn students of the call "below"</p>

To be read in conjunction with Generic "Out of Classroom" Risk Assessment