

## Upper Plenty Conference Centre Artificial Climbing Wall – Risk Management Plan

<b>School:</b>	<b>Year Level:</b>
<b>Supervising teachers / staff:</b>	<b>Dates:</b>
<b>Program / Excursion:</b>	<b>Location:</b>

The Artificial Climbing Wall Risk Management Plan contains the specific risks, control measures and gradings for this activity, as well as the gradings of all general risks relevant for all Upper Plenty Conference Centre activities.

<b>Risk Description</b>	<b>Existing Control Measures</b>	<b>Risk Rating</b>		
		<b>Likelihood</b>	<b>Consequence</b>	<b>Control Effectiveness</b>
<b>Entanglement</b> Hair, clothing or jewellery trapped in equipment	<ul style="list-style-type: none"> <li>• Long hair is to be tied back in a low style so the helmet may be fitted correctly</li> <li>• There should be no loose jewellery or objects worn that may become entangled</li> <li>• Clothing should be tucked away under the harness</li> <li>• Harness ends should be tucked away before commencing climbing</li> </ul>	Unlikely	Moderate	Satisfactory
<b>Striking</b> 1. Falling object causing injury to other climbers, instructor or bystanders	<ul style="list-style-type: none"> <li>• Boundary area is in place and identified to all participants</li> <li>• Climbers should remove any loose objects from their pockets</li> <li>• Effective group management by instructor</li> </ul>	Unlikely	Minor	Satisfactory
2. Climber hitting ground or swinging into other climbers or instructor	<ul style="list-style-type: none"> <li>• Bystanders should be watching from behind the boundary cones</li> <li>• Controlled descent from Auto Descender</li> <li>• Climbers are instructed to only use the climbing holds of the particular climb they are attempting, this will eliminate a pendulum effect if a fall occurs</li> <li>• Climbers are instructed how to descend safely with the Auto Descender</li> <li>• Soft fall matting is in place</li> <li>• Wall is secured when not in use</li> </ul>	Rare	Moderate	Satisfactory
<b>Slip – Trip – Fall</b> Caused by or due to: 1. Climber falling from wall	<ul style="list-style-type: none"> <li>• Pre-activity briefing completed by instructor, including instructions on how to climb</li> <li>• Instructor must physically check each attachment point, harness and helmet before allowing a participant to climb</li> <li>• Climbing holds are tightened regularly</li> <li>• Firmly fitting, covered footwear with a non-slip sole to be worn by participants</li> </ul>	Rare	Major	Satisfactory
2. Inappropriate use after hours	<ul style="list-style-type: none"> <li>• At the end of each session the accessory cord (tagline) is attached to the carabiner and the webbing is retracted into the Auto Descender</li> <li>• When the Climbing Wall is not in use partitions are setup to block access, also the Auditorium should be locked when not in use</li> </ul>	Rare	Major	Satisfactory
<b>Equipment Failure</b> 1. Faulty Auto Descender, ropes, harnesses, carabiners, belay device etc.	<ul style="list-style-type: none"> <li>• A visual inspection of PPE (Personal Protective Equipment) is completed immediately prior to use</li> <li>• Equipment checks are completed and recorded as required</li> <li>• Backup friction device installed</li> <li>• Auto Descenders are re-certified every 12 months</li> </ul>	Rare	Major	Satisfactory

	<ul style="list-style-type: none"> <li>• Program staff are trained to recognise worn or faulty equipment</li> <li>• Activity equipment usage is logged</li> <li>• Participants are briefed on the correct use of equipment</li> <li>• Equipment is used, maintained, stored and replaced in accordance with manufacturer guidelines</li> <li>• Equipment belonging to participants must not be used</li> </ul>			
<b>Structure Failure</b>	<ul style="list-style-type: none"> <li>• Roof Beams are engineered to support loads applied from the activity</li> </ul>	Rare	Major	Satisfactory

#### Risk Rating – Artificial Climbing Wall

All identified risks are recorded in the Risk Matrix according to the Likelihood and Consequence ratings. The purpose of this matrix is to provide a snapshot of all identified risks and establish the level of risk associated to determine if further treatment is required.

		Consequence				
		Insignificant (1)	Minor (2)	Moderate (3)	Major (4)	Catastrophic (5)
Likelihood	Almost Certain (5)	5	10	15	20	25
	Likely (4)	4	8	12	16	20
	Possible (3)	3	6	9	12	15
	Unlikely (2)	2	4	6	8	10
	Rare (1)	1	2	3	4	5
		<ul style="list-style-type: none"> <li>• Slip-Trip-Fall (General)</li> <li>• Environmental Exposure 1</li> <li>• Environmental Hazard 2</li> <li>• Striking 1</li> <li>• Entanglement (General)</li> <li>• Cutting / Scratching</li> <li>• Striking (General)</li> <li>• People – Group Leader 1</li> </ul>	<ul style="list-style-type: none"> <li>• People – participant behaviour</li> <li>• People – participant ability</li> <li>• Inappropriate use after hours</li> <li>• People – Group leader 2</li> </ul>	<ul style="list-style-type: none"> <li>• Environmental Hazard 1</li> <li>• People – Camp Instructor 1 &amp; 2</li> </ul>	<ul style="list-style-type: none"> <li>• Slip-Trip-Fall 1 &amp; 2</li> <li>• Equipment Failure</li> <li>• Structure Failure</li> </ul>	<ul style="list-style-type: none"> <li>• Environmental Exposure 4</li> <li>• Environmental Hazard 3</li> </ul>

NB: All risks in **bold** are Artificial Climbing Wall specific risks. All other risks are from the General Activity Hazards RMP and are therefore relevant for all activities.

For grading risks, scores obtained from the risk matrix are assigned grades as follows:

1-4 Low Risk – minimal monitoring and reporting  
 5-8 Medium Risk – regular monitoring and reporting

9-12 High Risk – close monitoring and reporting  
 13+ Extreme Risk – unacceptable, requires urgent attention