

**CYC Forest Edge
Climbing Wall – Risk Management Plan**

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

For an explanation of risk management terminology and to ensure you understand how the rating / grading system is determined please ensure you have read the **CYC Activity Risk Profile** document.

The **Climbing Wall** Risk Management Plan contains the specific risks, control measures and grading's for this activity, as well as the grading's of all general risks relevant for all CYC activities. Please refer to the **General Activity Hazards – Risk Management Plan** for a list of general risks and control measures relevant for all CYC activities.

Risk Description	Existing Control Measures	Risk Rating		
		Likelihood	Consequence	Control Effectiveness
Entanglement Hair, jewellery, clothes	<ul style="list-style-type: none"> Long hair to be tied back in a low style for activities so the helmet may be fitted correctly There should be no loose jewellery, scarves or objects worn that may become entangled Jackets to be zipped, buttoned up or taken off Harness ends should be tucked away before commencing climbing 	Unlikely	Moderate	Satisfactory
Striking 1. Falling object causing injury to belayer, instructor or bystanders	<ul style="list-style-type: none"> Boundaries are identified to all participants Belayer teams should be wearing helmets Climbers should remove any loose objects from their pockets 	Unlikely	Minor	Satisfactory
2. Climber hitting ground or swinging into belayer/waiting participants	<ul style="list-style-type: none"> Belayer teams to be alert and concentrating at all times Only roped climbing is allowed on the wall Wall is secured when not in use Belayer is to control the speed of descent and communicate with climber Bystanders should be watching from seats and are not permitted onto fall zone area 	Rare	Moderate	Satisfactory
Slip-Trip-Fall 1. Causing injury to climber	<ul style="list-style-type: none"> Pre-activity briefing completed by instructor, including instructions on how to climb Instructor must physically check each attachment point, harness and helmet before allowing a participant to climb The climber is to be attached with two auto locking carabiners to the harness Energy absorbent flooring is present at the base of the climb and in fall zone Participants are instructed not to hang upside down in the harness All participants must wear a full body harness to prevent falls if inversion occurs Participants are instructed to hold onto the rope in front of them whilst being lowered and not touch the carabiners 	Rare	Major	Satisfactory

CYC Forest Edge – Climbing Wall RMP

<p>2. Causing injury to belayer</p>	<ul style="list-style-type: none"> • Qualified site staff are required to supervise all Climbing Wall sessions • Belay training completed by qualified instructor (if participants or group leaders are belaying) • Only qualified site staff or trained group members who have been assessed as a competent belayer by a qualified site staff member may belay • If students are belaying they must have at least one back up belayer • Students are given time to practice belaying whilst being carefully monitored • Instructors are to directly observe belaying by students • Belay teams are to be briefed on their responsibilities and must be alert at all times 	<p>Unlikely</p>	<p>Minor</p>	<p>Satisfactory</p>
<p>Equipment Failure 1. Faulty harnesses, carabiners, ropes, hardware etc.</p>	<ul style="list-style-type: none"> • A visual inspection of PPE is completed immediately prior to use • Equipment checks are completed and recorded as required • Program staff are trained to recognise worn or faulty equipment • Activity equipment usage is logged • Participants are briefed on the correct use of equipment • Equipment is used, maintained, stored and replaced in accordance with manufacturer guidelines • Equipment belonging to participants must not be used • <u>Top Stop Rope Brake, Ground Anchors and ropes are only installed by trained staff</u> 	<p>Rare</p>	<p>Major</p>	<p>Satisfactory</p>
<p>Structure Failure Resulting in a fall/injury to the participant</p>	<ul style="list-style-type: none"> • A visual inspection of the Climbing Wall is completed by qualified site staff prior to use • Thorough periodic in-house maintenance checks are completed by trained program staff • Annual activity checks are completed by qualified professionals • Roof beams are engineered to support loads applied from this activity 	<p>Rare</p>	<p>Catastrophic</p>	<p>Satisfactory</p>

Risk Rating – 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.

X		Likelihood				
		Almost Certain	Likely	Possible	Unlikely	Rare
Consequence	Catastrophic	80	64	48	32	16 <ul style="list-style-type: none"> • Structure Failure • Environmental Exposure 4 • Environmental Hazard 3
	Major	40	32	24	16 <ul style="list-style-type: none"> • Environmental Hazard 1 • People – Instructor 1 & 2 • Inappropriate use after hours • People – Group leader 2 	8 <ul style="list-style-type: none"> • Slip-Trip-Fall 1 • Equipment Failure
	Moderate	20	16	12 <ul style="list-style-type: none"> • People – participant behaviour 	8 <ul style="list-style-type: none"> • Entanglement • Environmental Exposure 2 • People – Group Leader 1 	4 <ul style="list-style-type: none"> • Striking 2 • Environmental Exposure 3
	Minor	10	8	6 <ul style="list-style-type: none"> • Slip-Trip-Fall • Environmental Exposure 1 • Environmental Hazard 2 • People – participant ability 	4 <ul style="list-style-type: none"> • Striking 1 • Entanglement • Cutting / Scratching • Striking 	2 <ul style="list-style-type: none"> • Slip-Trip-Fall 2
	Insignificant	5	4	3	2	1

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.

HIGH 20 – 80	MEDIUM 10 – 16	LOW 1 – 8
Unacceptable risk which requires immediate action to reduce or remove the hazard. Senior management must be notified. Item should be TAKEN OFF LINE until risk reduced.	Conditionally acceptable, requires short term controls and continuous monitoring.	Acceptable risk, however monitoring required ensuring risk does not escalate. Review in 12 months or if situation changes.

RMP REVIEWED BY: A Paterson

DATE: 30 / 04 / 2018

NEXT REVIEW DUE: April 2023