

**CYC Forest Edge
Flying Fox – 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 **Flying Fox** 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 Clothing to be tucked away under the harness 	Unlikely	Minor	Satisfactory
Slip-Trip-Fall Injury caused by: 1. Falling off Flying Fox whilst riding	<ul style="list-style-type: none"> Pre-activity briefing completed by instructor Participants are connected to the lanyard with two independent auto locking carabiners All participants must wear a full body harness to prevent falls if inversion occurs. PPE is checked by the instructor prior to being connected to lanyard Participants are instructed to hold onto the lanyard in front of them and not touch the carabiners 	Rare	Major	Satisfactory
2. Fall from dismount ladder	<ul style="list-style-type: none"> Ladder is to be checked regularly for damage (broken welds, wheels etc.) Ladder is only to be used in the designated tracks Ladder should be held steady when someone is climbing up / down and a participant is being disconnected Participants and leaders are to turn and walk down the ladder backwards whilst holding handrails Nobody should be riding the ladder whilst it is being moved Vigilant supervision by group leader at dismount area 	Rare	Moderate	Satisfactory
3. Participant tripping while running with rescue rope while helping with rescue	<ul style="list-style-type: none"> Make sure the embankment and pathway under the flying fox cable is clear and free of obstructions / tripping hazards Participants are to walk down/up the less steep section of the hill 	Possible	Minor	Satisfactory
Striking Injury caused by: 1. Participant hitting – dismount ladder	<ul style="list-style-type: none"> Instructor must train group leaders on communication system used (UHF Radio) and dismount procedure Instructor must check both visually and with radio communication that the dismount ladder is in the correct position before allowing participants to take off Dismount ladder should not be moved until the participants have come to a complete stop 	Rare	Moderate	Satisfactory

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<p>2. Participant hitting bystander or other object</p>	<ul style="list-style-type: none"> • Instructor is to brief all group members and leaders on dismount area safety / boundaries • Before participants are allowed to take off, the instructor must check both visually and with the radio communication that the entire flight path is clear and free of obstructions/hazards including ladder and bystanders, etc. • Vigilant supervision by group leader at dismount area to ensure that no one is in the landing area • Group Leaders to be alert at all times 	<p>Rare</p>	<p>Moderate</p>	<p>Satisfactory</p>
<p>3. Participant hitting concrete base in landing area or tyre/ cable at landing end of cable</p>	<ul style="list-style-type: none"> • Participants on flying fox must not be over 100kg in weight or over 200 cm in height • Flying Fox must not be used if there is a tail wind with gusts greater than 15 knots (27km/h) • Participants must lift feet up when coming into landing area, either legs straight out in front or tucked up to their chest 	<p>Unlikely</p>	<p>Moderate</p>	<p>Satisfactory</p>
<p>Friction Harness chaffing due to inappropriate clothing</p>	<ul style="list-style-type: none"> • Participants are made aware of appropriate clothing upon arrival • Participants are asked to change clothing if inappropriate for the activity 	<p>Possible</p>	<p>Minor</p>	<p>Satisfactory</p>
<p>Equipment Failure 1. Lanyards / carabiners / pulley / helmet</p>	<ul style="list-style-type: none"> • The instructor completes a check of all PPE (harness, helmet) and other equipment (carabiner, lanyard, pulley) immediately prior to each participant departing the platform ie 'ABC check' • Program staff are trained to recognise worn or faulty equipment • Regular equipment checks are completed and recorded by trained site staff • Equipment is used, maintained, stored and replaced in accordance with manufacturer guidelines • Activity usage is logged • Carabiners are attached and double checked to ensure they are locked • Equipment belonging to participants must not be used 	<p>Rare</p>	<p>Major</p>	<p>Satisfactory</p>
<p>2. Harness (faulty or poorly fit)</p>	<ul style="list-style-type: none"> • Harnesses are checked to ensure correct fit prior to connecting participants to lanyards • Regular equipment checks are completed and recorded by trained site staff • Program staff are trained to recognise worn or faulty equipment • Activity usage is logged • Harnesses are used, maintained, stored and replaced in accordance with manufacturer guidelines • Equipment belonging to participants must not be used 	<p>Rare</p>	<p>Major</p>	<p>Satisfactory</p>
<p>Structure Failure Cable breaking or other structure failure, resulting in a fall / injury to the participant</p>	<ul style="list-style-type: none"> • A visual inspection of the Flying Fox structure and area (Landscape Check) is completed by 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 • Cable and associated hardware is replaced every five years or sooner if required • If the equipment structure is damaged or unsafe the activity is not used until appropriate repairs have been completed 	<p>Rare</p>	<p>Catastrophic</p>	<p>Satisfactory</p>

Risk Rating – Flying Fox

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	8	<ul style="list-style-type: none"> • Environmental Hazard 1 • Inappropriate use after hours • People – Instructor 1 & 2 • People – Group Leader 2 <ul style="list-style-type: none"> • Equipment Failure 1 & 2 • Slip-Trip-Fall 1
	Moderate	20	16	12	8	4	<ul style="list-style-type: none"> • People – participant behaviour <ul style="list-style-type: none"> • Striking 3 • Environmental Exposure 2 <ul style="list-style-type: none"> • Striking 1 & 2 • Slip-Trip-Fall 2 • Environmental Exposure 3
	Minor	10	8	6	4	2	<ul style="list-style-type: none"> • Friction • Slip-Trip-Fall 3 • Slip-Trip-Fall • Environmental Exposure 1 • Environmental Hazard 2 • People – participant ability <ul style="list-style-type: none"> • Entanglement (F/Fox) • Entanglement (General) • Cutting / Scratching • Striking • People – Group Leader 1
	Insignificant	5	4	3	2	1	

NB: All risks in **bold** are Flying Fox 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;

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.