



# Flying Fox Risk Management Plan

CCC Central Coast

School: \_\_\_\_\_ Year: \_\_\_\_\_ Dates: \_\_\_\_\_

Program: \_\_\_\_\_ Supervising Staff: \_\_\_\_\_

## Activity Context

The flying fox at CCC Central Coast involves participants starting from a pole mounted platform and riding a zipline through around 100 metres of rainforest to a sloping ramp. They are required to disconnect themselves from the flying fox and bring it back to the start with a retrieval rope. The flying fox encourages good communication skills, facing fears, and working in a group.

This document contains the specific risks, control measures and grading for the flying fox activity. Please refer to the document **General Activity RMP – CCC Central Coast** for a list of general risks and control measures relevant for all CCC Central Coast activities, as well as risk rating information.

## Risk Management Plan

| Risk Description   | Existing Control Measures   | Risk Rating (with controls) |              |        |
|--|---|-----------------------------|--------------|--------|
|  |   | Likelihood                  | Consequence  | Rating |
| <i><b>Flying Fox Specific</b> – Risk factors specifically associated with the flying fox activity at CCC Central Coast</i> |   |                             |              |        |
| <b>Fall from height</b> <ul style="list-style-type: none"> <li>By participant</li> <li>By Activity Leader</li> </ul>       | <ul style="list-style-type: none"> <li>Participants wear safety harnesses while on the ladder / platform / flying fox</li> <li>Participants attached to safety line while climbing ladder and on platform</li> <li>Activity Leader attached to safety line while working from platform</li> <li>Equipment rated and maintained for loads well above actual load placed upon it</li> </ul> | Rare                        | Catastrophic | Medium |
| <b>Slipping/Tripping</b><br>Around the activity area   | <ul style="list-style-type: none"> <li>Stairs provide access to upper and lower levels of flying fox run</li> <li>Platform and start area kept free of sticks etc.</li> <li>Bottom of platform area mulched</li> <li>Flying fox trail and ramp well marked</li> </ul>   | Possible                    | Minor        | Medium |
| <b>Impact</b><br>To participant on flying fox<br>To another person below the flying fox                                    | <ul style="list-style-type: none"> <li>Flying fox designed to slow as it reaches ramp</li> <li>Participants briefed on safety areas, including flying fox return trail</li> <li>Flying fox line and return trail clearly defined</li> </ul>   | Unlikely                    | Minor        | Low    |
| <b>Impact</b><br>To participant on ramp  | <ul style="list-style-type: none"> <li>Flying fox designed to slow as it reaches ramp</li> <li>Participant briefed on correctly landing on ramp</li> <li>Handles provided to help participants face forward to ramp</li> </ul>  | Possible                    | Minor        | Medium |
| <b>Entanglement</b> <ul style="list-style-type: none"> <li>Hair</li> <li>Fingers</li> </ul>                                | <ul style="list-style-type: none"> <li>Long hair is to be tied back for the activity</li> <li>Participants briefed on where to place hands on pulley/strops</li> <li>Flying fox pulley has handles for hand placement</li> </ul>  | Unlikely                    | Moderate     | Medium |
| <b>Falling Objects</b><br>Causing injury   | <ul style="list-style-type: none"> <li>No loose equipment kept on platform</li> <li>Participants briefed on safe to stand/run zones</li> </ul>  | Unlikely                    | Minor        | Low    |

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| Risk Description  | Existing Control Measures   | Risk Rating (with controls) |              |        |
|---|---|-----------------------------|--------------|--------|
|   |   | Likelihood                  | Consequence  | Rating |
| <b>Inverting</b><br>Where participant on flying fox flips upside down   | <ul style="list-style-type: none"> <li>Participants wear full body harnesses that reduce chance of falling from inversion</li> <li>Proper harness fitting demonstrated, and harnesses checked for each participant prior to activity</li> <li>Full body harness attachment point designed to prevent inverting</li> </ul>   | Possible                    | Moderate     | Medium |
| <b>Equipment Failure</b><br>Due to improper use, faulty / damaged equipment<br><br>Ropes, hardware, personal protective equipment | <ul style="list-style-type: none"> <li>Activity Leaders trained in selection, use, inspection, care &amp; maintenance of activity equipment</li> <li>Activity Leaders perform check of equipment prior to each activity</li> <li>Participants briefed on proper use of equipment</li> <li>All equipment clearly stored and labelled for intended activity</li> <li>Equipment regularly inspected and maintained</li> <li>Equipment stored, maintained and retired according to manufacturer instructions</li> <li>Equipment used certified by manufacturer as suitable for use</li> </ul> | Rare                        | Major        | Low    |
| <b>Structure Failure</b><br>Safety of the flying fox platform   | <ul style="list-style-type: none"> <li>Flying fox built by qualified rigger</li> <li>Regular inspections of structure and anchors performed by qualified staff</li> <li>Yearly inspections by external assessor performed</li> </ul>  | Rare                        | Catastrophic | Medium |

### Risk Rating Matrix

All identified risks are recorded in the following risk matrix according to likelihood and consequence. The purpose of this matrix is to provide a snapshot of all identified risks and establish the level of risk to determine if further treatment is required.

| Likelihood         | Consequences      |                                    |                   |                        |  |
|--------------------|-------------------|------------------------------------|-------------------|------------------------|--|
|                    | 1 - Insignificant | 2 - Minor                          | 3 - Moderate      | 4 - Major              | 5 - Catastrophic                         |
| 1 - Rare           | 1                 | 2                                  | 3                 | 4<br>Equipment failure | 5<br>Fall from height, structure failure |
| 2 - Unlikely       | 2                 | 4<br>Falling object, impact 1      | 6<br>Entanglement | 8                      | 10                                       |
| 3 - Possible       | 3                 | 6<br>Slipping, inverting, impact 2 | 9                 | 12                     | 15                                       |
| 4 - Likely         | 4                 | 8                                  | 12                | 16                     | 20                                       |
| 5 - Almost certain | 5                 | 10                                 | 15                | 20                     | 25                                       |

### Risk Treatment

#### 1-4 Low Risk

- Risk does not generally need to be managed any further (current controls are adequate), however the risk needs to be monitored for changes in circumstances and current control effectiveness.
- Risk generally may be accepted.

#### 5-9 Medium Risk

- Risk needs to be regularly monitored for any changes and control/treatment effectiveness.
- Risk may be accepted after consideration.

#### 10-14 High Risk

- Risk is unacceptable, risks must be further treated or removed to bring rating to medium
- Risks are to be re-assessed by Activities Manager

#### 15+ Extreme Risk

- Unacceptable risk, urgent attention is required to treat or remove risks
- Management to consider elimination of activity

Risk Assessment Conducted by: *Program Manager, CCC Central Coast*

Date of Risk Assessment: *18<sup>th</sup> May 2020*

Date of Review: *May 2021*