High Ropes Risk Register

Identified Potential Threats and Hazards	Description of Risk	Current Risk Control Measures Implemented at our School	Risk Rating (Refer to OHS Risk Management Procedure)			Treatments to be Implemented Measures to be taken by our school to eliminate or reduce impact of the risk	Revised Risk Rating After implementing Treatments		
			Consequence	Likelihood	Risk Level		Consequence	Likelihood	Risk Level
Collision with an Object (Flying fox only)	**Description:** There is a risk that a participant is injured due to colliding with an object **Causes:** Participant/s hit by flying fox pulley Participants attempting to grab flying fox person Participants hit by flying fox participant Poor landing while exiting Cannoning into tyre stoppers Walking under or along the Zip Line Helmet falls off - Collision, Fall	• Landing area is mulched maintained and raked regularly. • Children instructed in correct landing techniques by Woorabinda Staff • Teacher to remain diligent as to student's movements. • Area under the Zip Line is fenced off and out of bounds. • Helmets and harnesses checked pre flight • Observing participants to be clear of Zip Line participants • All equipment used as per manufacturer's instructions and recommendations • Full body harness used	Moderate	Possible	Medium				
Falling from Height	**Description:** There is a risk that a participant is	• All Equipment used as per manufacturer's instructions and recommendations	Major	Rare	Medium				

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	injured by falling from height **Causes:** Falling out of harness Safety system failure	• Staff to supervise harness fitting and attaching continuous belay runner • Staff to actively supervise participants • Staff to check equipment before using. • Equipment inspections are carried out as per school procedures • Challenge course checked and serviced annually by qualified inspector							
Falling Object	**Description:** There is a risk that a participant is injured due to falling objects. **Causes:** Item thrown to ground Item dropped from course Item falls from participant	• All staff and participants must wear helmets at all times whilst on course • All equipment that is required to complete the course is securely fixed • Inform all participants to remove items that may be dropped	**Major**	**Rare**	**Medium**				
Environment	**Description:** There is a risk that a participant is injured due to weather that may impact on activity.	• Monitor weather prior to and during the activity • Cancel or modify activity as per internal school weather protocol	**Moderate**	**Rare**	**Medium**				

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	Causes: Hit by lightning High winds Wet and cold weather	• Participants to wear clothing appropriate to weather conditions							
Equipment Failure	**Description**: Equipment fails causing injury to staff or student **Causes:** Poor maintenance, logging and retirement.	• All equipment is regularly inspected to assess condition and inspection logged in an equipment register. • Each piece of equipment is logged and recorded. • Equipment is retired when deemed unsuitable in accordance with manufacturer's guidelines. • HR course checked and serviced annually by independent inspector	**Severe**	**Rare**	**Medium**				
Falling from height	**Description:** A harness is not fitted correctly allowing a student to fall out of the harness, to the ground. **Causes**: Poor/inadequate instruction	• Students are instructed in correctly fitting a harness by Woorabinda Staff. • All harnesses are checked by Woorabinda staff before entering the activity area. • All harnesses are checked by Woorabinda staff before being attached to the critical line. • A full body harness or chest harness attached to sit harness is	**Severe**	**Rare**	**Medium**				

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	Staff not checking harnesses	used for all challenge ropes activities • All harnesses are attached to the continuous belay system by two separate tape/karabiner systems using separate methods (1) Larks Spur & (2) Screw gate karabiner, at all times. • Continuous Belay systems are attached to the critical line by Woorabinda staff on the access deck. • Continuous Belay systems are unattached at the point of exit by Woorabinda staff. • Each user is under constant supervision by their ground based buddy and staff on course.							
Falling objects	**Description:** There is a risk that a participant is injured due to falling objects. **Causes**: Item thrown to ground. Item dropped from course. Item falls from participant.	• All staff and participants to wear helmets on and around the HR course at all times • All required equipment is firmly fixed to harness or climbing belt. • Regular checks of surrounding trees. • HR course may be cleared in the event of strong winds. • Inform all participants to remove items that may be dropped	**Major**	**Rare**	**Medium**				

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	Branches falling during or after a storm. Trees unexpectedly dropping limbs.								
Adverse weather conditions	**Description:** There is a risk that a participant is injured due to weather that may impact on activity. **Causes:** Hit by lightning High Winds Wet and cold weather Extreme heat, lightening, high winds and hail creating high risk weather conditions and the possibility of serious injury.	• Continual monitoring of weather conditions prior and during the course of the session. • In the event of lightening the HRC will be cleared immediately. • Ongoing assessment of prevailing weather conditions using DEECD weather alerts, SES alerts, ABC regional radio, BOM radar, Campus Principal instruction and on site assessments by Woorabinda Staff. • Ensure all children are dressed appropriately for the activity and the conditions, • Sunscreen available onsite, hats worn during Term 1 and Term 4 and other periods of high UV exposure. • Drink bottles to be full and carried to HR course. • Ensure course checked prior to use after a storm	**Moderate**	**Possible**	**Medium**				
Bites and Stings	**Description**:	• Keep surrounding area clean and clear of long grasses. • Monitor activity site for Jumping Jack, Bull Ant nests.	**Major**	**Unlikely**	**Medium**				

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	Insect sting, snake bite, allergic reaction to food. **Causes**: Unaware of at-risk students Food contaminated with allergic reaction causing substances	• Patrol the activity site during warmer months to alert snakes of our presence and to encourage them to move on. • Children with identified Anaphylactic triggers to carry epi pen and anti-histamine at all times. • All Woorabinda Staff are first aid trained and carry a first aid pack at all times. • All Woorabinda staff carry mobile phones which are fully operational during working hours. • All Woorabinda staff are encouraged to maintain operating skill levels in adrenalin delivery and snake bite management with regular practice.							
Equipment jams	**Description**: Fingers, hair or clothing caught in belay device **Causes**: Hair not tied back Loose clothing Poor belay instruction	• Rubicon staff to teach correct belay technique and monitor carefully during the activity • Ensure long hair is tied back and loose clothing is tucked in • Staff must be well versed in escaping the belay system	**Moderate**	**Possible**	**Medium**				

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	Poor belay technique Tired/cold/hot participants								
Radiation	**Description**: Exposure to the sun, melanoma, sunburn **Causes**: Sunscreen not applied regularly or at all Poor selection of clothing for sun protection Standing in the sun	• Participants should be advised to apply sunscreen before setting out in the morning and again in the middle of the day. • Ensure that all participants standing in the shade if possible	**Major**	**Unlikely**	**Medium**				
Emergency Plans	**Description**: Evacuation in case of bush fire, injury etc **Causes**: Cold/wet/windy conditions Thunder storms Bushfire Injury to student/s and/or staff	• Check Weather Forecast for the week on the Bureau of Meteorology website (www.bom.gov.au) • Review and implement plan for high fire risk days • Modify program if conditions warrant it. • Ensure evacuation vehicles are available at short notice • In high wind conditions do not allow students in forested area	**Major**	**Unlikely**	**Medium**				

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	Inadequate knowledge of conditions by staff								
Heat / Cold Stress	**Description**: Dehydration, hypothermia **Causes**: Cold/wet/windy conditions Hot conditions Poorly equipped students/staff Insufficient food and water Activity unsuitable for the group and conditions	• Ensure that all participants have a warm woollen jumper, thermals and a waterproof jacket. • Monitor students if conditions are extreme, a break may be needed to bring students back to the main building. • Ensure adequate hydration with full water bottles and food/snacks available	**Minor**	**Rare**	**Medium**				
Collision	Participant collides with course structure, element or other participants and sustains impact injury.	• All participants wear correctly fitted helmets. • All students monitored at all times by staff	**Moderate**	**Rare**	**Low**				