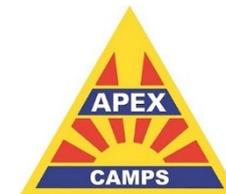


Risk Assessment for Catapults



Review

Completed By	Revision Date	Approved By	Approval Date
S.Hamlin	15/01/2021	Shaun Mackin	12/02/2021

	Risk level	Action required/approval
Low	Little chance of injury or incident	<input checked="" type="checkbox"/> Manage through regular planning processes

Minimum supervision

At least 1 x qualified Activity Instructor is to be present to run Catapults
1 x adult supervisor should be present to assist with participant behaviours

Qualifications

All lead Apex staff and contractors hold at a minimum ,one of the following qualifications /skills sets or other recognised skill sets/qualifications from another jurisdiction, along with mandatory First Aid/ CPR and QLD Blue Card, working with children check.

- Certificate 3 Outdoor Recreation
- Certificate 4 Outdoor Recreation
- Diploma Outdoor recreation
- Apex Camps Internal Training, consisting of the below
 - Reading and understanding SOP's, RA & ALP
 - Induction to activity session
 - Shadow Activity Session

Through the use of well maintained equipment, training and accredited staff and sound operating procedures and policies Apex Camps control the "real risks" associated with this activity

In assessing the level of risk, considerations such as the likelihood of an incident happening in combination with the seriousness of a consequence are used to gauge the overall risk level for an activity. The matrix below has been used as a guide to assist with developing the risk assessment:

Likelihood	Consequence				
	1 Insignificant	2 Minor	3 Moderate	4 Major	5 Critical
5 Almost Certain	Medium	Medium	High	Extreme	Extreme
4 Likely	Low	Medium	High	High	Extreme
3 Possible	Low	Medium	High	High	High
2 Unlikely	Low	Low	Medium	Medium	High
1 Rare	Low	Low	Low	Low	Medium

Risk Level	
Low	Little chance of incident or serious injury.
Medium	Some chance of an incident and injury requiring first aid.
High	Likely chance of a serious incident and injury requiring medical treatment.
Extreme	High chance of a serious incident resulting in highly debilitating injury.

Minimum Equipment/Facilities

First aid kit suitable for activity

Communication system

Electronic and other equipment that can be damaged by water is to be carried in water resistant containers.

Leaders are responsible for determining the equipment to be carried by all participants. The following communication equipment should be appropriate for the activity and area of operations.

- Phone-line at location
- Mobile phone
- UHF Radio

Sun Safety equipment (hat, sunglasses, sunscreen, shirt etc)

Appropriate clothing and footwear (no singlets, skirts, short shorts, thongs, crocs etc)

Leader will inspect the area and ensure its soundness before commencing the activity

Emergency management plan

Drinking water (students should not share drinking containers)

Vehicular access to within a reasonable distance of the activity in case of emergency

Insect repellent

Hazards/Risks	Control Measures
Biological material <ul style="list-style-type: none"> • Bodily fluids (e.g. blood, sweat, saliva) 	<ul style="list-style-type: none"> • Comply with HLS-PR-004: Infection Control and Management of Prescribed Contagious Conditions and Infection Control Guidelines. Students with open cuts and abrasions are to be removed from the activity and treated immediately. If bleeding cannot be controlled completely, the participant should not be allowed to return the activity. All clothing, equipment and surfaces contaminated by blood should be treated as potentially infectious. • Have sufficient and suitable containment material (bandages, etc) available • Ensure that personal items are not shared.
Animal bites/ diseases <ul style="list-style-type: none"> • Insects • Dangerous/ poisonous organisms 	<ul style="list-style-type: none"> • Supply and provision of insect repellent • Check area for ant nests before using area to build catapults.
Environmental conditions <ul style="list-style-type: none"> • Weather • Surfaces • Surrounds • Temperatures • Isolation • Plants 	<ul style="list-style-type: none"> • Ensure students bring appropriate clothing • Assess weather conditions before and during activity (e.g. temperature, storms) • Check and assess surrounds for loose items, debris and hazards and suitability of participants.
Equipment <ul style="list-style-type: none"> • Equipment failure • Burns from ropes • Splinters 	<ul style="list-style-type: none"> • Conduct regular equipment checks prior to start of sessions. • Check for worn or faulty equipment • Supply all equipment in a clean and serviceable condition • Check equipment before use • Provide specific training in and awareness of safety requirements.
Physical exertion <ul style="list-style-type: none"> • Strains and sprains • Cramps • Exhaustion and fatigue 	<ul style="list-style-type: none"> • Ensure the suitability and competency of students participating in the activity • Constantly monitor students for fatigue and exhaustion
Ratio & Age	<ul style="list-style-type: none"> • Apex ratio 1:20 • Maximum number of participants: 25 • Age limitation: 5+ years of age

Hazards/Risks	Control Measures
<p>Students</p> <ul style="list-style-type: none"> • Special needs • High risk behaviours • Medical conditions • Student numbers • Being hit by tennis ball out of launcher • Contact with wood poles • Elastic launcher coming loose 	<ul style="list-style-type: none"> • When students with medical conditions are involved, ensure that relevant medical/ emergency plans and medications are readily available (insulin, Ventolin, Epipen, etc) • Refer to individual education plan/Educational adjustment plan/Behaviour management plan and other student documents. • Ensure when assembling, the wooden poles are moved by two participants, 1 each end . Wood poles not to be lifted above hip height. • Ensure there is adequate adult supervision • Ensure at all times two ropes are securely fastened onto the elastic launcher rope at either end . Two tie down ropes on each side. • Participants briefed on activity boundaries and out of bounds area in front of launcher. • Safety distance from launcher no less than 10 metres .No students allowed in front of the catapult target .Participants to stand to the side of catapult when waiting not behind. • Jewellery can be a serious hazard when undertaking many activities. All forms of jewellery should be considered in terms of the risk it presents for each activity. Procedures are in place the dissuade or protect (e.g. tape) the wearing of jewellery accordingly.

Emergency Procedures	Teacher/group leader responsibilities	Participant Briefing Instructor should cover:	Participant Requirements
<ol style="list-style-type: none"> 1.Effect Rescue as required. 2.Conduct First Aid as required. 3.Contact Emergency Services via mobile phone, radio. 4.Depending on injury: Stabilise patient and await ambulance or remove patient to appropriate site to recover. 5.In the event of serious injury, suspend activity until incident can be investigated 	<ul style="list-style-type: none"> • Inform & liaise with Activity Staff regarding any potential issues with group (behavioural, disabilities, injuries) • Listen to activity briefings and assist Staff in procedural aspects of session as required, such as helping students to belay under supervision of Activity Staff • Monitor & take charge of behavioural issues if needed and attend to any pre-existing medical conditions 	<ul style="list-style-type: none"> •Challenge by Choice Philosophy •Session Objectives •OH&S Brief •Safety Brief •Equipment Familiarisation •Skills Demo & Practice 	<ul style="list-style-type: none"> •sunscreen, insect repellent •medication (if relevant) •water bottle •fully enclosed shoes, hat •minimum of sleeved shirt that covers midriff when arms are raised •shorts/leggings that preferably cover knees (to prevent grazes) •hair tied back, jewellery removed