

This Risk Assessment covers the following activities:

**Giant Slingshots:**

Participants split into small teams to construct giant slingshot frames with wooden poles and rope. Slingshots and targets are added, then teams compete in a series of challenges.

Ratio: 1 Instructor and 1 Attending Group Staff per 18 Participants

Age suitability: Year 4+

Location: Valley

Benefit of activity: Team development, communication, personal and social learning, fun

Risk Assessment- Programming Overview								
Hazard	Hazard Description	Likelihood	Consequence	Risk Rating	Action and Control Measures	New Likelihood	New Consequence	New Risk Rating
<b>Equipment</b>  Equipment Safety and Use	Injury due to inappropriate use of equipment	Possible	Moderate	High	<p><b>Poles:</b> To prevent being hit/crushed by poles- participants are instructed to carry poles at waist height horizontally, with a person on each end, and always carefully place them down. When the front of the frame is stood up for support poles to be added, participants must support frame until all knots are fully tied and checked by the Instructor. Teams are spread out with adequate space to construct each catapult.</p> <p><b>Ropes:</b> To prevent being whipped/tangled/tripped by ropes- participants are instructed to only use them for the purpose of tying up their frame, and ensure they tie knots using up the whole length of rope. Participants are also instructed to take care when tying knots to prevent fingers getting caught and rope burn.</p> <p><b>Firing:</b> To prevent being hit/crushed by poles- frames are to be positioned on level terrain. While one participant is firing the slingshot, two others are needed to brace/stabilise the supports at the front of the frame. The Instructor will demonstrate this technique and continually monitor for compliance, and ensure group sizes are adequate to fulfill this requirement for each slingshot.</p> <p><b>Balls:</b> To prevent being hit by tennis balls- Instructor will brief the shooting line which will be marked by cones or rope; participants must remain behind line until all catapults have finished firing and Instructor has given permission to collect balls. If a challenge includes participants on the field of play, they must stand at least 20 meters back from the firing line.</p>	Unlikely	Minor	Low
	Injury due to poor construction	Likely	Moderate	High	The Instructor will brief the design of the frames, demonstrate knot tying, monitor knot quality and overall construction. Each pole has 3 drilled holes to assist with positioning and strength of knots.	Unlikely	Minor	Low

Risk Assessment- Programming Overview								
Hazard	Hazard Description	Likelihood	Consequence	Risk Rating	Action and Control Measures	New Likelihood	New Consequence	New Risk Rating
<b>Equipment</b> Equipment Safety and Use	Injury due to incorrect setup or firing technique	Possible	Minor	Medium	When satisfied with construction of the frames, the Instructor is responsible for correctly attaching the slingshots and briefing firing technique- preventing slingshots snapping back or balls firing backwards.	Unlikely	Minor	Low
					Other hazards are covered in the GENERAL Risk Assessment			
<b>Environment</b> Weather Conditions and Onsite Hazards					These hazards are covered in the GENERAL Risk Assessment			
<b>People</b> Pre-Existing Injuries and Significant Medical or Behavioural Problems					These hazards are covered in the GENERAL Risk Assessment			