

Activity Area:	Giant Catapult – Any open area
Minimum Staffing Level	1
Staff/Pupil Ratio	1:12 (1:6 when at launch line)
Staff Qualifications	In house training for staff or leader self-instructed
Maximum Number of Participants	12
Role of Accompanying Adult:	Leading or supervision of group during activity

Risk Matrix	Likelihood			
	Very Likely	Likely	Unlikely	Highly Unlikely
Fatality	High -16-	High -15-	High -14-	Medium -13-
Major Injuries	High -12-	High -11-	Medium -10-	Medium -9-
Minor Injuries	High -8-	Medium -7-	Medium -6-	Low -5-
Negligible Injuries	Medium -4-	Medium -3-	Low -2-	Low -1-

Hazard	Persons at risk	Prior Risk	Control Measures	New Risk Factor
Projectiles	Participants Instructors Observers	High 8	Safe area to be selected for session. No person in front of launch line when launching (safe distance) Strict discipline maintained. Only tennis balls are used to shoot. Visual check prior to launch.	Medium 6
Incorrect technique	Participants Instructors	High 8	Instruction, demonstration, and ongoing coaching from instructor. Two people per pole when lifting.	Medium 6
Equipment failure	Participants Instructors	High 8	All equipment checked by instructors prior to use. Daily and weekly equipment checks carried out. Elastic/poles changed every year or sooner if needed.	Medium 6
Vehicles	Participants	High 16	Speed limit imposed on vehicles driving on site. Participants reminded of out of bounds areas prior to activity commencing.	Medium 13
Slips, Trips and Falls	Instructors Participants	High 8	Bangs and scrapes could be minimised by disciplined instruction being always maintained.	Medium 6
General ground areas	Instructors Participants	High 8	Participants encouraged not to run. Instructor issues warnings with regards to hazardous areas.	Medium 6
Elastic	Participants Instructors Observers	High 12	Instructor issues warnings with regards to hazardous areas. Instructor to check the elastic before and during each session. Elastic to be removed if showing signs of over wear.	Medium 10
Backfire	Participants Instructors Observers	High 8	No heavy objects to be used i.e., watermelons etc. Only balls to be used as projectiles.	Medium 6
Extremities entrapment	Participants Instructors	High 8	Instructor to brief participants on the specific risks of each section of the catapult before allowing participant to start. Instructor to be vigilant during the session and be in the position of maximum usefulness.	Low 5