

<b>Activity Area:</b>	<b>Water Rockets-Outdoor area</b>
<b>Minimum Staffing Level</b>	1 Instructor
<b>Staff/Pupil Ratio</b>	1:12
<b>Staff Qualifications</b>	In house qualified staff
<b>Maximum Number of Participants</b>	20
<b>Role of Accompanying Adult:</b>	Supervisor

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	Controls Measures	New Risk Factor
Trapping fingers in moving parts	Instructors Participants	High 12	As per safety sheet In house training Instructor safety observations during activity	Medium 9
Slips, Trips, and falls	Instructors Participants Observers	High 8	Bangs and Scrapes could be minimised by disciplined instruction being always maintained. First aid kit available at all times.	Medium 6
Water	Instructors Participants	High 8	Instructor to advise not to ingest water or use water activities if suffering from open wounds. Water used from mains tap, not from any other source.	Low 5
Faulty equipment	Instructors Participants	High 8	Equipment is checked prior to the start of every session. Equipment fault report system in place Faulty equipment is taken out of service	Low 5
Foot Pump	Instructors Participants	High 12	Instructor safety observations during activity Faulty equipment is taken out of service	Medium 9
Air pressure holder	Instructors Participants Observers	High 12	Instructor safety observations during activity Faulty equipment is taken out of service. PSI must not go over 20 PSI	Medium 9
Rockets hitting someone	Instructors Participants Observers	High 8	Activity carried out in an open area. Instructor to keep clear the area directly in the firing line.	Low 5
Adverse weather conditions	Instructors Participants Observers	High 8	Weather reports monitored. Activity stopped during electrical storms, high winds and heavy rain.	Medium 6
Vehicles	Instructors Participants Observers	High 16	Speed limit imposed on vehicles driving on site. Participants reminded of out of bounds areas prior to activity commencing.	Medium 13