

## Water Rockets

**Activity Area:** Outdoor area assigned at the time  
**Minimum Staffing Level:** 1 Instructor  
**Staff/Pupil Ratio:** 1:12  
**Staff Qualifications:** In house qualified staff  
**Maximum Number of Participants:** 20  
**Role of Accompanying Adult:** None

Hazard	Outcome/Injury	Persons at risk	Rating	Existing Controls
Trapping fingers in moving parts	Injury to persons	Instructors Participants	3- 3	As per safety sheet in house training. Instructor safety observations during activity.
Slips, Trips and Falls	Injury to persons	Instructors Participants Observers	3 - 3	Bangs and Scrapes could be minimised by disciplined instruction being maintained at all times. First Aid kit available at all times.
Water	Infections	Instructors Participants	4 - 3	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.
Faulty equipment	Injury to persons	Instructors Participants	3 – 3	Equipment is checked prior to the start of every session. Equipment fault report system in place. Faulty equipment is taken out of service.
Rockets hitting someone	Injury to persons	Instructors Participants Observers	3 - 3	Activity carried out in an open area. Instructor to keep clear the area directly in the firing line.
Adverse weather conditions	Electrocution, Exposure	Instructors Participants Observers	4 - 1	Weather reports monitored. Activity stopped during electrical storms, high winds and heavy rain.
Vehicles	Death Serious injury	Instructors Participants Observers	4 – 1	Speed limit imposed on vehicles driving on site. Participants reminded of out of bounds areas prior to activity commencing.

**Key**

**Rating:** Likelihood (1 = Very High, 2 = High, 3 = Medium, 4 = Low) - Consequence (1 = Fatal 2 = Major Injury 3 = Minor Injury 4 = No Injury)