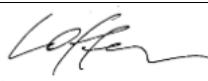


Risk assessment – Water Rockets

Risk assessment last reviewed	Name: Matthew Page				Severity (S)	Likelihood (L)	Risk rating (S x L)	
	Job Title: Education Outreach Officer							
	Signature: 	Date: 03/09/2026						
Risk assessment last approved	Name: Lucinda Offer, Head of Science Communication							
	Signature: 	Date: 30/09/26						
Date of next review	August 2027							
Hazard	Risk	Control measures				(S)	(L)	Risk rating*
Launching rockets upward	Everyone Being hit by a rocket	- Rockets only to be launched by a responsible adult or a child supervised 1-to-1 by a responsible adult - All observers to stand a safe distance (at least 15m) away from the launch area - Do not launch if the weather is windy (in excess of 20mph) - In the case of a rocket tipping over while the pumping is being carried out, pumping will cease immediately. The rocket should only be approached by a responsible adult and from the rear (nozzle) end, such that if it were to launch whilst tipped over, it would move away				3	1	3

Please use this risk assessment in conjunction with your own prior assessments and dynamic management of risk.

Risk assessment – Water Rockets

		Place barrier between rocket and launcher in case of rocket tipping over			
Launching rocket cars	Everyone Being hit by a rocket car	- Rocket launches to be supervised, clear instructions given - Observers to stand off to the side - Observers instructed not to enter until all rocket cars launched	2	1	2
Use of water	Everyone Slip hazard	- Responsible adult/presenter to fill bottles - Have paper towels ready to mop up spillages if indoors - Use of funnel to minimise spills	2	2	4

Please use this risk assessment in conjunction with your own prior assessments and dynamic management of risk.