

Speed, Weight & Rocketry: Risk Assessment

Activity	Hazard	Precaution	Risk
Projectiles investigation	<ul style="list-style-type: none"> Injury if hit by projectile 	<ul style="list-style-type: none"> Demonstrator to give clear instructions on when and where to launch projectiles safely Projectiles launched at low velocity Demonstrator to ensure sensible behaviour Activity closely supervised 	Low
Weights on different planets	None identified	None required	None
Methane/oxygen rocket	<ul style="list-style-type: none"> Injury if hit by rocket/fragments 	<ul style="list-style-type: none"> Rocket launched by demonstrator Rocket attached to line well away from audience Safety glasses to be worn by all 	Low
	<ul style="list-style-type: none"> Hearing damage from noise of explosion 	<ul style="list-style-type: none"> Demonstrator to ensure everyone covers their ears before and during launch Demonstrator to wear ear defenders 	Low
	<ul style="list-style-type: none"> Burns from rocket exhaust 	<ul style="list-style-type: none"> Demonstrator to light using splint on end of metre rule, with adult assistance removing bottle cap Both demonstrator and assistant to stand well back before lighting Rocket attached to line well away from audience Safety glasses to be worn by demonstrator and assistant 	Low