




## SAFE WORK METHOD STATEMENT

### WORK MUST BE PERFORMED IN ACCORDANCE WITH THIS SWMS

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<b>Activity:</b> NRMA Road Safety Science Show	<b>Reviewed By:</b> Stephanie Ruiz	<b>Principal Contractor:</b> Fizzics Education Pty Ltd
<b>Date Reviewed:</b> 26th February 2020	<b>Signature:</b> 	
<b>Notes on Identified Risks:</b> The presenter is to confirm egg allergies verbally with organising teacher on arrival at the school.		
Prepared in accordance with Work Health and Safety Act 2011 and Work Health and Safety Regulation 2017		

Risk Assessment Matrix					
How serious could the injury be?	How likely is the injury to occur?				<b>Legend</b>  <b>1 and 2</b> Extreme risk; deal with the hazard immediately <b>3 and 4</b> Moderate risk; deal with the hazard as soon as possible <b>5 and 6</b> Low risk; deal with the hazard when able <b>Severity</b> How seriously a person could be harmed <b>Likelihood</b> How probable it is for the hazard to cause harm
	Very Likely	Likely	Unlikely	Very Unlikely	
Death or Permanent injury	1	1	2	3	
Long term illness or injury	1	2	3	4	
Medical attention and several days off	2	3	4	5	
First aid needed	3	4	5	6	



Item	Activity Step	Potential Hazard	Risk Assessment	Controls	Person	When
	Break job into logical steps	What can harm someone	Use Matrix	What can be done to make this safer	Who will ensure this happens	When will control measures be undertaken?
1	Transport of Goods	Breakage occasioning harm	5	Ensure equipment is properly stored.	Fizzics Presenter	At all times
		Risk of injury from moving equipment	4	Ensure safe manual handling practices are used at all times, and equipment is moved on a trolley where possible.	Fizzics Presenter	At all times
2	Selection of presentation room	Inappropriate stage area causing a risk of trip or fall	3	Ensure that the presentation area has 2 metres clearance around. Tables and signage to be adjusted if they pose a safety risk.	School Fizzics Presenter	Before performance
3	Use of electrical equipment	Risk of electrocution	5	Ensure all equipment is tested and tagged.	Fizzics Education	Before performance
		Risk of tripping	5	Ensure all cords are secured on floors and walls where possible.	Fizzics Presenter	Before performance
4	Distractions in a mock car	Tripping on entering the mock car setup	5	Presenter guides participants to their seats. Participants to wear seatbelts as per mock car setup.	Fizzics Presenter	During Performance
		Misuse occasioning miscellaneous harm	6	Participants informed on how to use equipment responsibly.		
5	Egg crash testing using model car and	Slipping hazard from egg contents	4	Drop sheets are used at all times and cleaned up immediately after each	Fizzics Presenter	During and After Performance



	ramp	Risk of allergy or anaphylaxis	5	show. Presenter to confirm if any students have egg allergies through consulting the run sheet and the organising teacher. Students with raw egg contact allergies to be seated toward the back of the audience. If a student has a vapour allergy, or the school is unsure about allergy risk, a plastic figurine must be used.	Fizzics Presenter	Before and During Performance
6	Leaf blower hovercraft	A participant falls off hovercraft  Noise levels from a leaf blower	6  5	Presenter instructs volunteer on the safe use of the apparatus. The student to be seated on the hovercraft at all times during the demonstration.  Presenter and volunteer to wear hearing protection.	Fizzics Presenter	During Performance
7	Inattentive blindness experiment	Risk of tripping whilst volunteer moves across the front of the stage, while not watching where they are going	4	Ensure volunteer is instructed on safe use of the equipment and that demonstration takes place on the floor, not on the stage.	Fizzics Presenter	During Performance

**Monitor and Review** - Monitor the effectiveness of controls and change if necessary. Review the risk assessment if an incident or a significant change occurs.