

Risk Assessment

College/ PSU	Swansea University FSE	Assessment Date	10/02/25
Location	Festival of Tomorrow, Swindon	Assessor	Robert Gibbs
Activity	Materials Made Smarter Outreach Demonstration	Review Date (if applicable)	
Associated documents	<ul style="list-style-type: none"> https://discovermaterials.co.uk/resource/bottle-can-or-coffee-cup/ 		

Part 1: Risk Assessment

This risk assessment is specific just to the MMSC Demonstration activity and is to be considered supplemental to the overall event and demonstrator risk assessments

What are the hazards?	Who might be harmed?	How could they be harmed?	What are you already doing?	S	L	Risk (SxL)	Do you need to do anything else to manage this risk?
Risk of power damage	Small low-power computer system	Device needs to be powered correctly in accordance with instructions	Correct power supplies are provided as part of the equipment. Power cords need to be connected to correct port on system. Stickers have been placed over any unused ports	3	2	6	Only authorised personel to set up the equipment and only in accordance with instructions
Risk of liquid spillage	Small low-power computer system	Device needs to be protected from fluid damage	Avoid any food and drink near the equipment	3	3	9	Keep equipment away from food and drink
Injury due to equipment falling	Users	If the monitor or photobox falls or is knocked off the table and it impacts a user then minor injury could occur	Equipment secure on a table. Keep all cables tidied away to avoid entanglement	2	3	6	Control environment around the demonstration and ensure that not too large a group are surrounding the equipment.
Musculoskeletal Discomfort	Users	Repeated operations with the monitor and the included	Ensure that the quipment is setup in a comfortable and non-confined manner so	2	4	8	Take regular breaks from operating the demonstration, facilitated by

Appendix 1. Risk Matrix

		Consequences				
		1 Insignificant No injuries/ minimal financial loss	2 Minor First aid treatment/ medium financial loss	3 Moderate Medical treatment/high financial loss	4 Major Hospitalised/ large financial loss	5 Catastrophic Death/ Massive Financial Loss
Likelihood	5 Almost Certain Often occurs/ once a week	5 Moderate	10 High	15 High	20 Catastrophic	25 Catastrophic
	4 Likely Could easily happen/ once a week	4 Moderate	8 Moderate	12 High	16 Catastrophic	20 Catastrophic
	3 Possible Could happen/ happen once a year	3 Low	6 Moderate	9 Moderate	12 High	15 High
	2 Unlikely Hasn't yet happened but could happen	2 Low	4 Moderate	6 Moderate	8 High	10 High
	1 Rare Concievable but 1/100 year event	1 Low	2 Low	3 Low	4 Moderate	5 Moderate