

Risk assessment – Kit Loan: Circuit Detectives

Risk assessment last reviewed	Name: Matthew Page			Severity (S)		Likelihood (L)	Risk rating (S x L)
	Job Title: Education Outreach Officer						
	Signature: 	Date: 21/08/2026					
Risk assessment last approved	Name: Lucinda Offer						
	Job Title: Head of Science Communication						
	Signature: 	Date: 30/09/26					
Date of next review	August 2027						
Hazard	Risk	Control measures	(S)	(L)	Risk rating*		
Use of Equipment	Participants Overheating from short circuit	Participants should be advised of risk	2	1	2		
	Participants Testing items/sockets using mains electricity	- Activity should be controlled and supervised - Test circuits and objectives are made clear - Risks of mains electricity vs. batteries can be made a teaching point	5	1	5		
	All Chemical burns from leaking batteries	- Check batteries are in good working order before session - Store batteries safely between sessions - Science Oxford will check batteries between loans	4	1	4		

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

Risk assessment – Kit Loan: Circuit Detectives

	All Cuts from broken bulbs	All breakages to be cleared and removed promptly	3	1	3
	Participants Swallow risk from cell batteries	- The cell batteries should only be given out specifically as an extension task and kept secure otherwise - The kit loan should not be used with smaller children - If swallowed, the child should be taken to A&E immediately, or call 999	4	1	4

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