

## Risk Assessment – KL Electrical Experiments

<b>Creator/Reviewer of Risk Assessment</b>	<b>Name</b> Sian Stratton
	<b>Signature</b> 
<b>Next Review Date</b>	September 2023

Severity	Likelihood	Risk Rating* (S x L)
1 No or Little Harm	1 Unlikely	1-5 Low
2 Minor/First Aid	2 Possible	6-10 Medium
3 Medical Attention	3 Probable	10+ high
4 Hospitalisation	4 Likely	
5 Death/Irreparable Injury	5 Certain	

# Science Oxford Risk Assessment

			Severity	Likelihood	Risk Rating*
Hazard	Risk	Control Measures			
Use of equipment	<b>Participants</b> Overheating from short circuit	<ul style="list-style-type: none"> <li>Participants should be advised not to connect opposing battery terminals directly to each other</li> </ul>	2	1	2
	<b>Participants</b> Testing items/sockets using mains electricity	<ul style="list-style-type: none"> <li>Activity should be controlled and supervised</li> <li>Explanation of the use of batteries only should be made clear</li> <li>Risks of mains electricity compared to batteries can be made a teaching point</li> </ul>	5	1	5
	<b>Participants</b> Injury from moving motor parts	<ul style="list-style-type: none"> <li>Participants should be advised to take care and keep rotating parts away from face</li> </ul>	1	2	2
	<b>All</b> Chemical burns from leaking batteries	<ul style="list-style-type: none"> <li>Check batteries are in good working order before session</li> <li>Store batteries safely between sessions</li> <li>Science Oxford will check batteries between loans</li> </ul>	2	1	2

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