

## Risk Assessment – Egg Drop Challenge

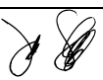
<b>Creator/Reviewer of Risk Assessment</b>	<b>Name</b> Ian Snell
	<b>Signature</b> 
<b>Next Review Date</b>	January 2021

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			
Dropping egg from height	<b>All</b> Fall from height	<ul style="list-style-type: none"> <li>Location inspected before use and an in-situ risk assessment carried out</li> <li>Care taken, depending on specific circumstances</li> <li>Presenter only person at height if access is not easily made safe</li> <li>Advice given on safest way to bring equipment to presenter if it is determined to be safe to do so (e.g. "walk, don't run, up and down the stairs")</li> </ul>	5	1	5
	<b>Participants, passers-by</b> Falling objects hitting others	<ul style="list-style-type: none"> <li>Children to be told where to stand</li> <li>Nothing to be dropped until everyone is paying attention</li> <li>Presenter to check for passers-by</li> </ul>	2	1	2
Handling raw egg	<b>All</b> Egg allergy	<ul style="list-style-type: none"> <li>Eggs sealed in plastic bag</li> <li>Eggs only handed out when teams are nearly finished with their design</li> <li>Rubber eggs used for testing purposes</li> <li>Warning given when real eggs handed out</li> <li>Contaminated remnants to be disposed of as soon as practicable</li> <li>Alternative object to be provided on request (for allergy, or vegans)</li> </ul>	4	1	4
Creating contraption for egg	<b>Participants</b> Cuts from scissors or paper	<ul style="list-style-type: none"> <li>School to supervise use of scissors according to usual risk assessment</li> </ul>	2	1	2

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

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Exposure to disease (such as COVID-19)	<b>All</b> Surface transmission from equipment	<ul style="list-style-type: none"> <li>• School advised that pupils should wash hands before workshop</li> <li>• Equipment provided per-pupil, to work alone instead of in a group</li> <li>• Equipment isolated for 72 hours after use</li> <li>• Presenter to sanitise hands before distributing equipment</li> <li>• Any tables cleaned if to be re-used between groups</li> <li>• Testing of devices ideally from a location where it is safe for children to launch it themselves. If not, presenter will launch, sanitising hands before and after.</li> </ul>	3	2	6
	<b>All</b> Person to person transmission	<ul style="list-style-type: none"> <li>• Presenter to remain at 2m distance at front of class</li> <li>• Children to work alone with discussion between individuals                             <ul style="list-style-type: none"> <li>◦ Group size will need to be limited for time taken to test all devices</li> </ul> </li> <li>• Children to maintain distance where possible</li> </ul>	3	2	6

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