


Risk Assessment – Circuit Detectives

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| Creator/Reviewer of Risk Assessment | Name Ian Snell |
| | Signature  |
| Next Review Date | September 2025 |

| 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 | Participants Overheating from short circuit | <ul style="list-style-type: none"> Participants advised of risk | 2 | 1 | 2 |
| | Participants Testing items/sockets using mains electricity | <ul style="list-style-type: none"> Activity is controlled and supervised Test circuits and objectives are made clear Risks of mains electricity compared to batteries can be made a teaching point | 5 | 1 | 5 |
| | All Chemical burns from leaking batteries | <ul style="list-style-type: none"> Check batteries are in good working order before session Store batteries safely between sessions | 2 | 1 | 2 |

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