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| --- | --- | --- |
| 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 |  |

Circuit Detectives Workshop Risk Assessment

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| --- | --- |
| Creator/Reviewer of Risk Assessment | Name  Mike Dennis |
| Signature  Mike Dennis |
| Date | 11/10/2019 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Activity/Item Being Assessed | Hazard Identified | Persons At Risk | Control Measures | Severity | Likelihood | Risk Rating\* | Notes/Safety Advice |
| Using the test circuit | Children pinching themselves on crocodile clips | Participants | Advise children of risk | 1 | 2 | 2 | Children advised of how to use crocodile clips, including re-sleeving them if necessary |
| Overheating from short circuit | Participants | Advise children of risk | 2 | 1 | 2 |
| Testing non-standard objects | Children using mains electrical items/sockets inappropriate | Participants | Activity is controlled and supervised, test circuits and objectives are made clear | 5 | 1 | 5 | Risks of mains electricity compared to batteries is made a teaching point |
| Batteries | Chemical burns from leaking batteries | All | Check batteries are in good working order at start of session and are stored safely between sessions. | 2 | 1 | 2 | Staff will be checking the kits regularly for safety and re stocking. |