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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** |
| **Date** | **29/04/2019** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 can be 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 |  |