**Notes:**

This risk assessment is based on the official UK Government guidance available at <https://www.gov.uk/coronavirus> and HSE guidance [www.hse.gov.uk/news/coronavirus.htm](http://www.hse.gov.uk/news/coronavirus.htm) and [www.hse.gov.uk/news/working-safely-during-coronavirus-outbreak.htm](http://www.hse.gov.uk/news/working-safely-during-coronavirus-outbreak.htm) that was current at the time of writing. Official guidance will be regularly reviewed in case the control measures we have implemented need adapting.

The Wood Centre for Innovation has its own risk assessment for the building that the Science Oxford Centre procedures comply with. There is a separate risk assessment for school visits to the Science Oxford Centre as a whole and public visits to the Science Oxford Centre on our website.

At the time of writing this risk assessment there was an average of 5 cases per 100’000 people in Oxford. Therefore, considering the additional steps we are taking to keep out staff and visitors safe, our likelihood rating is 1 or ’unlikely’.

|  |  |  |  |
| --- | --- | --- | --- |
| **Circuit Detectives Risk Assessment**School workshop offered at the Science Oxford Centre | **Severity** | **Likelihood** | **Risk Rating\*** |
| **Hazard** | **Risk to** | **Control Measures** |
| Getting or spreading Corona Virus | All | * PPE including masks, face shields, gloves, aprons, and hand sanitizer is available to our staff and will be mandatory in situations where social distancing cannot be maintained.
* All equipment will be cleaned or quarantined for 72 hours between bubbles of participants.
* We will do our best to accommodate each school’s individual bubble arrangements. If any workshop is not deliverable given the school’s social distancing requirements, they will be advised at the time of booking.
 | 2 | 1 | **2** |
| Children pinching themselves on crocodile clips | Participants | * Children advised of how to use crocodile clips, including re-sleeving them if necessary
 | 1 | 2 | **2** |
| Overheating from short circuit | Participants | * Children advised of risk and signs of over-heating and told to disconnect the circuit if necessary
 | 2 | 2 | **4** |
| Children using mains electrical items/sockets inappropriate | Participants | * Activity is controlled and supervised, test circuits are clear, there should be no need for children to leave their table.
* Risks of mains electricity compared to batteries is made a teaching point
 | 2 | 1 | **2** |
| Chemical burns from leaking batteries | All | * Staff to check batteries at start of session and are stored safely between sessions.
* It is important to check the test wires are not in contact with the battery when putting the equipment away.
 | 2 | 2 | **4** |