**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.

We ensure that we are up to date with local case rates and guidance and adapt our practices accordingly. Taking in account the additional steps we are taking to keep our staff and visitors safe; our likelihood rating is 2 or ’possible’. You can find out more about the steps we are taking to make your visit COVID secure on our website at <https://scienceoxford.com/centre/visitor-information/>



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| **Light Fantastic Show Risk Assessment**A live science show delivered 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 or show is not deliverable given the school’s social distancing requirements, they will be advised at the time of booking.
 | 2 | 2 | **4** |
| Tripping over cables and other equipment | Staff | * Ensure all cables are safely placed to avoid trips
* Clean up ping pong balls after demonstration
* Keep all talcum powder on the table to avoid a slippery floor
 | 2 | 1 | **2** |
| Electric shock | Staff | * All equipment has an in-date PAT test
 | 3 | 1 | **3** |
| Trip in the dark | All | * Ensure light levels are adequate for safety
* Always provide light when someone needs to leave the theatre
* Full lighting for group entrance and exit to the theatre
 | 2 | 1 | **2** |
| Slips on spilled liquids | All | * Blue roll kept in the kit for spillages.
* Large containers not to be overfilled.
* Care taken when moving containers.
* All spills to be cleaned up immediately.
 | 2 | 1 | **2** |
| Poisoning from Dettol | All | * Neat Dettol always stored in show box, never left on the side.
* Dettol always stored in a clearly labelled container.
* Cloudy Dettol solution guarded and disposed of after show so it cannot be drunk
* Hands washed after use
 | 3 | 1 | **3** |
| Eye damage from Laser pointer | All | * Do not point beam at any eyes
* When lasers are "locked" on, they should ONLY be pointed across the stage, not towards the audience.
* Lasers should only be locked on for the demonstrations where it is necessary. Turn them off as soon as the demo is done.
 | 3 | 1 | **3** |
| Lung irritation from talcum powder | All | * Audience suitable distance away
 | 2 | 1 | **2** |
| Unsafe use of stairs or seats | All | * Audience will be seated as close to the front as possible (minus the first row) with no gaps in between seats to allow teachers to monitor their behavior.
* They will be instructed how to safely enter and exit the theatre.
* A clear path from the seats to the exit will always be maintained for those who need to leave the theatre during the show.
* Avoid letting children sit at the back of the theatre.
* Assist any-one with mobility issues to their seats first.
 | 1 | 2 | **2** |