**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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| **Changing Materials 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 | * As this workshop requires close adult supervision to ensure safe and proper use of the equipment, our staff will wear face shields.
* We have two class sets of equipment for this workshop. 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 | 2 | **4** |
| Children not following instructions or using equipment in an appropriate manner | All | * Appropriate supervision required.
* Instructions for appropriate conduct given.
 | 2 | 1 | **2** |
| Burns | Participants | * Appropriate supervision required.
* Instructions for appropriate conduct given as follows:

The following parts will get hot: Burner stand, Burner, Foil trays.Do not touch them. Use the peg to move foil trays. Hold case with the peg before stirring with a wooden stick. Never touch the flame. | 2 | 2 | **4** |
| Hair catching fire | Participants | * All participants are told to tie hair back and not to lean into the flame. Wispy hair around face can catch light too. Hair bands are provided if needed.
 | 2 | 2 | **4** |
| Fuel spills and spreading flames | All | * Heat-proof tiles should always be used.
* Staff should always be monitoring burners.
* Staff to extinguish or remove if unsafe.
* Visual inspection of burners before and after every session is necessary.
* A countertop fire blanket is in the classroom to use if needed.
 | 2 | 2 | **4** |
| ‘Spitting’ of hot liquid when heated | Participants | * Safety goggles to be worn when heating.
* Very small amounts of liquid heated at a time as demonstrated in introductory PowerPoint.
* Participants told not to lean over the case as you are heating.
 | 2 | 2 | **4** |
| Fumes and ‘Spitting’ when heating solder | Participants | * Ensure adequate ventilation of room.
* Only very small pieces of solder are heated as demonstrated in introductory PowerPoint.
* Safety goggles to be worn.
* Only lead-free solder to be used.
 | 2 | 2 | **4** |