**STEM Day Risk Assessment**

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| **Risk Assessment for** | **STEM Days – Wind Turbine** |
| **Assessment undertaken on** | 11/09/2019 |
| **Assessment undertaken by** | Tariq Ismail |
| **Signed** |  |

| **No.** | **Activity/area being assessed** | **Associated risk** | **Who is at**  **risk?** | **Existing control measures in place?** | **Level of risk (low, medium, high)** | **Responsibility** |
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| **1** | Groupwork activities (inclusive of icebreaker) | **Slips, trips and falls:** injury due to tripping over coats/bags  **Wellbeing:** bullying or harassment of student by another student  **Wellbeing:** bullying or harassment of Deliverer by a student | Students and staff  Students  Staff | Activity supervision. Students encouraged to store coats and bags tidily. Staff are First Aid at Work trained.  Activity supervision. Students encouraged to work together. Delivery staff trained in behaviour management and safeguarding. Disruptive students removed from sessions. Severe cases referred to Safeguarding Lead at The Smallpeice Trust and the school equivalent.  Delivery staff trained in behaviour management and safeguarding. Disruptive students removed from sessions. Severe cases referred to safeguarding to Safeguarding Lead at The Smallpeice Trust and the school equivalent. | M  L-H  L | Deliverer, Teachers  Deliverer, Teachers, Safeguarding Lead  Teachers, Safeguarding Lead, Smallpeice HR |
| **2** | Use of Materials: paper/card | **Injuries:** Injury due to paper cuts | Students and staff | Activity supervision, staff are First Aid at Work trained. | L | Deliverer, Teachers |
| **3** | Use of Materials: wooden dowel | **Injuries:** injury due to splinters  **Injuries:** injury due to misuse | Students and staff  Students and staff | Activity supervision, staff are First Aid at Work trained.  Activity supervision. Delivery staff trained in behavior management and safeguarding. Disruptive students removed from sessions. | L  L | Deliverer, Teachers  Deliverer, Teachers |
| **4** | Use of materials: elastic bands, generators, card discs, corrugated plastic, blu-tack | **Injuries:** injury due to use as a missile | Students and staff | Activity supervision. Delivery staff trained in behavior management and safeguarding. Disruptive students removed from sessions. | L | Deliverer, Teachers |
| **5** | Use of Materials: Balsa wood | **Injuries:** injury due to splinters  **Injuries:** injury due to inhalation of fibres/dust | Students and staff  Students and staff | Activity supervision, staff are First Aid at Work trained.  Activity supervision, staff are First Aid at Work trained. Students made aware of risks. **PPE (dust masks)** are provided as an option. | L  M | Deliverer, Teachers  Deliverer, Teachers |
| **6** | Use of Materials: Corrugated plastic | **Injuries:** cuts from sharp edges. | Students and staff | Staff are First Aid at Work trained. | L | Deliverer, Teachers |
| **7** | Transportation of equipment | **Slips, trips and falls:** falling whilst carrying equipment  **Injuries:** muscle strains from lifting equipment | Staff  Staff | Staff manual handling trained. Staff take multiple journeys when carrying heavy loads. Staff seek assistance when needed.  Boxes are not overloaded. Correct manual handling techniques used. Staff seek assistance when needed. | M  M | Deliverer, Smallpeice HR  Deliverer, Smallpeice HR |
| **8** | Use of equipment: iPads/Laptops | **Safeguarding:** unauthorised use of cameras or microphones by students to record other students or staff.  **Safeguarding:** using web browsers to access inappropriate content  **Wellbeing:** cyberbullying | Students and staff  Students  Students | Students briefed on the appropriate use of equipment. Students in breach removed from sessions. Staff are safeguarding and behaviour management trained. Severe cases referred to Safeguarding Lead at The Smallpeice Trust and the school equivalent.  Students briefed on the appropriate use of equipment. Students in breach removed from sessions. Staff are safeguarding and behaviour management trained. Severe cases referred to Safeguarding Lead at The Smallpeice Trust and the school equivalent. Use of web browsers only when necessary. Staff ensure that schools have inappropriate content filters.  Students briefed on the appropriate use of equipment. Students in breach removed from sessions. Staff are safeguarding and behaviour management trained. Severe cases referred to Safeguarding Lead at The Smallpeice Trust and the school equivalent. | M  L  L | Deliverer, Teachers, Safeguarding Lead, Smallpeice HR  Deliverer, Teachers, Safeguarding Lead, Smallpeice HR  Deliverer, Teachers, Safeguarding Lead, Smallpeice HR |
| **9** | Student behaviour and wellbeing  (general) | **Safeguarding:** bullying or harassment of student by another student.  **Safeguarding:** deliverer has child protection or safeguarding concern (e.g. a student disclosure, substance abuse, damage to property). | Students  Students and staff | Teachers present in the room with Smallpeice deliverer. Expectations are set at the start of the STEM Day & students in breach removed from sessions. Staff are safeguarding and behaviour management trained. Severe cases referred to Safeguarding Lead at The Smallpeice Trust and the school equivalent.  Teachers present in the room with Smallpeice deliverer. Expectations are set at the start of the STEM Day & students in breach removed from sessions. Staff are safeguarding and behaviour management trained. Severe cases referred to Safeguarding Lead at The Smallpeice Trust and the school equivalent. | L  L | Deliverer, Teachers, Safeguarding Lead, Smallpeice HR  Deliverer, Teachers, Safeguarding Lead, Smallpeice HR |