

RISK ASSESSMENT – DNA DETECTIVES WORKSHOP

ACTIVITY:	THE DNA Detectives – The Smuggler’s Daughter	DATE:	11.7.18
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PERSONS AT RISK- AFFECTED BY ACTIVITY:	Persons attending the workshop	NUMBER	0 - 200
ANY VULNERABLE PERSONS AFFECTED BY ACTIVITY:	Children	NUMBER	0 - 200

POTENTIAL HAZARDS		Assessment of Risk		
REF.		Low	Med	High
1	Trip hazards on the set (including balls on chord used for DNA sequencing)	x		
2	Popping balloon	x		
3	Latex allergies to gloves and balloon	x		
4	Use of boards to put the posters on and goal used as a smugglers tunnel – could fall over and hit a child, tunnel could create a trip hazard and will be dark inside	x		
5	Use of projector, laptop and screen during performance – electrical & trip hazard.	x		
6	Children using plastic rifles on stage – could injure themselves if they fell	x		
7	Possible allergy to sand, sugar, coffee and raisins used in prop to indicate size of DNA	x		

EXISTING CONTROL MEASURES	
1.	Check set to ensure there are no hazards which children could fall over and loose chords should be tucked away. Make sure children are closely supervised when on the set.
2.	Ensure balloon is popped safely by pressing a pen into it, not by jumping on it which could end up with an individual falling down. Explain to individuals how to safely pop the balloon.
3.	Always use non-latex gloves. Check whether any of the children have a latex allergy. If they have the balloon can be removed from this section of the workshop.
4.	Ensure all boards used in a performance are securely propped against a table. Ensure children do not touch them. Ensure goal has been constructed according to instructions and is balanced so it will not fall over. The cover should be altered so the exit and entrance are from the floor (children do not need to “step over” to enter the smuggler’s tunnel. A light should be kept inside the tunnel so children do not get disorientated and can see where they are going.
5.	All electrical items used in the performance should be PAT tested. Ensure wires are tucked away to avoid trips. Keep children away from screen.
6.	Children should be closely supervised when carrying out this activity and instructed not to run on the set to avoid them falling.
7.	Sand, sugar, raisins and coffee will only be held by me during performance. Children do not come in contact with them. If any of the children have severe allergies to these items alternatives can be used.
8.	A first aider should be present in case of an accident.
9.	A first aid kit should be available if required

CONTROL SHEETS & FORMS

INITIAL ASSESSMENT OF OVERALL RISK	LOW	X	MEDIUM		HIGH	
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RISK RATING = SEVERITY x LIKELIHOOD		
Rating	SEVERITY of injury/disease	LIKELIHOOD of occurrence
HIGH	Fatality; major injury or illness causing long term disability	Certain or near certain to occur
MEDIUM	Injury or illness causing short term disability	Reasonably likely to occur
LOW	Other injury or illness	Unlikely to occur

ADDITIONAL CONTROL MEASURES - (IF APPLICABLE)	PERSON RESPONSIBLE FOR IMPLEMENTATION	COMPLETION DATE
None required		

Note: Re-assessment required if overall residual risk

RESIDUAL ASSESSMENT OF OVERALL RISK	LOW	X	MEDIUM		HIGH	
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ADDITIONAL INFORMATION: (Notes, comments, further details, outline procedures, safe systems of work, standards, drawings, etc.)
<p>All electrical items are PAT tested and the set is checked to ensure there are no trip hazards. Non latex gloves are used to avoid allergies and checks made as to whether any children have allergies to the balloon – if necessary this can be left out of the performance. All props on set must be checked to ensure they will not fall over. All props used for demonstration of biological materials are non-toxic. Children will be closely supervised at all times to avoid tripping or falling on the set. With these precautions in place this workshop is considered low risk.</p>

Signature of responsible person:		Date:	
		11.7.18	
Assessor:	Mandy Hartley	Signature:	
Date Assessed:	11.7.18	Review Date:	11.1.19

