

RISK ASSESSMENT – HANSEL & GRETEL

ACTIVITY:	HANSEL & GRETEL	DATE:	19..2.17
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PERSONS AT RISK- AFFECTED BY ACTIVITY:	Persons attending the workshop	NUMBER	0 - 80
ANY VULNERABLE PERSONS AFFECTED BY ACTIVITY:	Children	NUMBER	0 - 80

POTENTIAL HAZARDS		Assessment of Risk		
REF.		Low	Med	High
1	Falling over potential trip hazards on the set	x		
2	Spilling chemicals on floor creating slip hazard or accidentally getting chemicals in eyes or ingesting chemicals during fizzing pumpkin experiment. Children may be allergic to vinegar, bicarbonate of soda, green food dye and fairy liquid used in experiment. Green food dye may stain clothing and equipment.	x		
3	Use of paint during invisible writing experiment	x		
4	Spilling chemicals on floor creating slip hazard or accidentally getting chemicals in eyes during fizzing eyeball experiment	x		
5	Stereo used in performance – potential electrical hazard	x		
6	Use of plastic spiders and mice during performance risk of choke hazard for small children	x		
7	Use of plug in scents possibility that small children may play with plug. Possible medical effects – Eyes: May cause: Moderate eye irritation Skin : Prolonged or repeated contact may dry skin and cause irritation. Inhalation: No adverse effects expected when used as directed. Ingestion: May cause irritation to mouth, throat and stomach. May cause abdominal discomfort.	x		
8	Use of small bags of lavender/rosemary risk of allergy to this herb			
9	Use of cauldron full of water with a mist machine. Risk of children falling in, getting tangled in wires for mist machine or spilling water on the floor and creating a slip hazard.			

EXISTING CONTROL MEASURES	
1.	Make sure all wires are tucked away. Make sure trip hazards are moved out of the way. Areas where children are present should be free of trip hazards. Only children participating in the performance should be on stage and instructed not to run. There should be a maximum of four children on stage at any one time.
2.	The fizzing pumpkin experiment should only be performed by the story teller and should be carried out in a container to prevent foam and green food dye spilling onto the floor. Ensure there are paper towels present to mop up any spillages. Make sure members of the audience are sat well back. Chemicals used are vinegar, bicarbonate of soda, green food dye and washing up liquid. These chemicals are being used in low volumes and are not known to be toxic. There may be a risk that some children are allergic to these chemicals however it should only be the story teller who is in contact with them. Children should be

closely supervised to ensure they do not play with the experiment.

Following first aid measures should be followed if required;

Inhalation: Prolong inhalation of vinegar can cause irritation to upper respiratory tract. Remove to fresh air. For bicarbonate of soda, green food dye and washing up liquid if inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin: Vinegar may cause irritation. Prolonged contact may cause dermatitis. Flush immediately and thoroughly with water. For bicarbonate of soda, green food dye and washing up liquid remove contaminated clothing if possible and wash skin with soap and water. Cover the irritated skin with an emollient (bicarbonate of soda). Get medical attention if irritation develops. Cold water may be used.

Eyes: Vinegar will cause eye irritation – smartening and reddening of eye. Flush immediately and thoroughly with water for at least 15 minutes. For bicarbonate of soda, green food dye and washing up liquid check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

Ingestion: Vinegar is not hazardous. However for ingestion of large amounts of vinegar water should be consumed to dilute. Do not induce vomiting. If prolonged effects or first aid is ineffective contact a physician. For bicarbonate of soda, green food dye and washing up liquid do NOT induce vomiting unless directed to do so by medical personnel. For washing up liquid rinse mouth with water. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear. These chemicals are not considered hazardous.

3. This section of the story will only be carried out by the story teller. Children should be closely supervised. All paint used in this activity will be non-toxic poster paint and will be contained to prevent spillages.

4. Fizzing eyeball experiment will take place in a container of water to avoid spillages. Paper towel should be available and any spillages cleaned up immediately to avoid a slip hazard. Bath bombs will be used to create the fizzing eyeballs. This should only be carried out by the story teller and the audience should be closely supervised and sat well back. The bath bombs used in this experiment are small.

First Aid Measures

Ingestion: Rinse mouth out with water. Do not induce vomiting. Give plenty of water to drink. If irritation persists, seek medical advice

Eye: Immediately hold eyes open and flush with water for at least 15 minutes. If irritation persists, seek medical advice.

Skin: Wipe off excess with tissue or towel. Remove contaminated clothing. Wash well with water. If irritation occurs, seek medical advice.

5. All electrical items used in the performance should be PAT tested.

6. Use of plastic spiders and mice during performance should be closely supervised especially with young children. Children who are of an age where they are likely to put the items in their mouth should not be given them. They could bite of small bits and swallow them.

7. Make sure plug in scents are plugged in a location which is not accessible to small children. Ensure children are closely supervised.

FIRST AID MEASURES

Eye contact: Remove contact lenses. Flush immediately with plenty of water for at least 15

to 20 minutes. Get medical attention if irritation develops and persists.

Skin contact: Rinse with plenty of water. Get medical attention if irritation develops and persists.

Inhalation : No special requirements

Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

8. Lavender and rosemary are given to the children in small bags to prevent spillage. Ensure children are not allergic to either herb. If so do not use in performance.

9. Make sure the cauldron when it is full of water is never left unattended if children are present. Children should be discouraged from playing with cauldron and closely supervised. The mister is waterproof but should be unplugged and removed as soon as possible once the story is finished. Spills should be cleaned up as soon as possible to avoid slips.

10. First aider present in case of an accident.

11. First aid kit available if required

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		

RESIDUAL ASSESSMENT OF OVERALL RISK	LOW	X	MEDIUM		HIGH	
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Note: Re-assessment required if overall residual risk is High

ADDITIONAL INFORMATION:
(Notes, comments, further details, outline procedures, safe systems of work, standards, drawings, etc.)

There are a number of measures in place for the story 'Hansel & Gretel' to ensure the risk is kept to a minimum. These include avoiding any trip or electrical hazards. Closely supervising children when on set, using chemicals for the experiments in low volumes, keeping experiments contained and ensuring that all experiments are performed by the story teller only.

Signature of responsible person:	Date: 19.2.17

Assessor:	Mandy Hartley	Signature:	
Date Assessed:	19.2.17	Review Date:	19.2.17