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## RISK ASSESSMENT

Event: Fabulous Flames Workshop

Date:

<b>Likelihood: how likely is it that the harm presented by the hazard will actually occur?</b>	<b>Severity: what impact or damage could the harm presented by the hazard have on a person or persons?</b>
<b>High (3):</b> Harm is certain, or near certain, to occur	<b>High (3):</b> Death or major injury
<b>Medium (2):</b> Harm will often occur	<b>Medium (2):</b> 7 day injury or illness
<b>Low (1):</b> Harm will seldom occur	<b>Low (1):</b> All other injuries or illnesses

**Risk rating:** Once the likelihood and severity have been determined, the risk can be calculated as shown below:

	Likelihood		
Severity	3	2	1
3	High	High	Medium
2	High	High	Medium
1	Low	Low	Low

<b>Hazard</b>	People affected	Risk Rating (L x S = R)			Control Measures	Residual Risk Rating (L x S = R)		
<b>Dragon's breathe</b>	<b>Assessor: Dan Simons</b>				<b>Date: 08/08/2018</b>			
Fireball injures somebody in the audience	Audience	L	H	M	Boffin only to carry out the Dragon's breathe in the direction of safety	L	L	L

<b>Fire Bubbles</b>	<b>Assessor:</b>				<b>Date:</b>			
Hand Gets Burnt	Boffin	M	H	H	Ensure correct training procedure has been followed, have a fire extinguisher ready, douse hand completely in water. Ensure hand and surrounding skin is fully wet before beginning the experiment.	L	M	M

<b>Fire Triangle</b>	<b>Assessor: D Simons</b>				<b>Date: 28/10/2018</b>			
Flames spread beyond control	Audience and Presenter	L	H	M	Ensure experiment takes place on Soldering mat. Ensure fire blanket is close by. Ensure Boffin knows where the fire extinguisher is and where the fire exit is. Only carry out the experiment if safe to do so and trained to handle the materials.	L	L	L

<b>Relighting a Fire</b>	<b>Assessor: D Simons</b>				<b>Date: 28/11/2018</b>			
Flames spread beyond control	Audience and Presenter	L	H	M	Ensure experiment takes place on Soldering mat. Ensure fire blanket is close by. Ensure Boffin knows where the fire extinguisher is and where the fire exit is. Only carry out the experiment if safe to do so and trained to handle the materials.	L	L	L

<b>Hazard</b>	People affected	Risk Rating (L x S = R)			Control Measures	Residual Risk Rating (L x S = R)		
<b>Water Balloon vs Air Balloon</b>	<b>Assessor: D Simons</b>				<b>Date: 18/11/2018</b>			
Flames spread beyond control	Audience and Presenter	L	H	M	Ensure experiment takes place on Soldering mat. Ensure fire blanket is close by. Ensure Boffin knows where the fire extinguisher is and where the fire exit is. Only carry out the experiment if safe to do so and trained to handle the materials.	L	L	L
Slip caused by water spillage	Anyone present	L	L	L	Any spilt water must be wiped up immediately	L	L	L