

Blair Atholl Risk Assessment 2024

Name of activity, event, and location	KABoom! Magnetic Slime Blair Atholl Jamborette 2024, Target Park, Blair Atholl	Date of risk assessment	19/05/2024	Name of person doing this risk assessment	Michaela Rogers
		Date of next review	2 weeks from the end of camp.		

What could go wrong? What hazard have you identified? What are the risks from it?	Who is at risk?	What are you going to do about it? How are the risks already controlled? What extra controls are needed? How will they be communicated to young people and adults and remain inclusive to all needs?	Review & revise What has changed that needs to be thought about and controlled?
Misuse, accidental ingestion and skin irritation using PVA Glue	Participants	<ul style="list-style-type: none"> Activity to be supervised by activity leaders. Ensure that participants are aware that the glue is to be handled responsibly and that it is not to be ingested or vapours sniffed. The activity entails handling the glue which may cause skin irritation - ensure that either a wash basin/toilets are nearby or gloves are available if required to avoid this. 	
Injury to self and damage to electronics caused by the misuse of Neodymium magnets	Participants	<ul style="list-style-type: none"> Neodymium magnets are extremely strong. Activity leaders supervising the activity session will demonstrate the correct way to use and separate the magnets from each other to prevent fingers getting pinched in between. Participants will be asked to ensure that no electronic devices are nearby for the duration of the activity as this can cause unwarranted damage. Activity leaders supervising the session will count the magnets used to ensure all materials are returned at the end of the session. 	
Irritation caused by use of laundry starch and accidental ingestion.	Participants	<ul style="list-style-type: none"> Ensure participants are aware that the use of laundry starch is required for the activity and made aware that it may cause skin irritation if they have sensitive skin. Ensure that participants are aware that the laundry starch is to be handled responsibly and that it is not to be ingested - may cause harm if swallowed. Ensure a first aider is available in the event accidental swallowing occurs. To prevent eye irritation due to the loose powder formation of the material, safety glasses will be available for use during the activity session. Gloves will be made available to individuals who are cautious of the material causing skin irritation if they are prone to sensitive skin. 	
Injury or accidents associated with the use of iron filings/powder	Participants	<ul style="list-style-type: none"> Due to the material being combustible, ensure that the activity is free from potential lighting hazards to reduce the risk of ignition from external sources. Ensure there is a fire extinguisher in the surrounding area. Make the participants aware of the potential risks associated with the use of iron powder prior to commencing with the activity (See below). 	

You can find more information in the Safety checklist for leaders and at scouts.org.uk/safety

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		<ul style="list-style-type: none"> • Eye Contact - Wear safety glasses when using the material - ensure that there is an eye wash station nearby in the event contact with eyes is made. Rinse immediately with plenty of water for at least 15 minutes and seek medical attention. • Skin Contact - disposable nitrile gloves is advisable as the material can cause staining to the skin. Ensure participants wash their hands upon completion of the base activity. • Ingestion - Seek medical attention in the event accidental ingestion occurs. 	
Disposal of final slime product at the end of the activity session	Participants	<ul style="list-style-type: none"> • Dispose of containers and slime into a designated bin bag for the slime products. • Used magnets are to be wiped clean with an isopropanol wipe/solution in between use. • Participants to ensure they wipe down the working station and clean their hands thoroughly after use. 	

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Blair Atholl Risk Assessment 2024

Name of activity, event, and location KABoom! Smoothie Bikes Blair Atholl Jamborette 2024, Target Park, Blair Atholl	Date of risk assessment 19/05/2024	Name of person doing this risk assessment Michaela Rogers
	Date of next review 2 weeks from the end of camp.	

What could go wrong? What hazard have you identified? What are the risks from it?	Who is at risk?	What are you going to do about it? How are the risks already controlled? What extra controls are needed? How will they be communicated to young people and adults and remain inclusive to all needs?	Review & revise What has changed that needs to be thought about and controlled?
Transportation and manoeuvring of the Smoothie Bikes - risk of injury.	Volunteers and Activity leaders	<ul style="list-style-type: none"> • During transportation of the bikes, the front wheel will be removed to fit into the vehicle and ease of transportation. • Any part of the blender or gyro attachment will be covered/secured appropriately to reduce risk of injury. • The site should allow the transportation vehicle into the field when dropping off/picking up the smoothie bikes to reduce injury and straining with excessive manual handling over a distance. 	
Using the smoothie bikes - risk of injury securing the bikes in place; use on uneven ground, securing the bikes into place, attaching/removing the blender.	Participants	<ul style="list-style-type: none"> • The smoothie bikes will be set up on an even ground surface to prevent accidental tipping during use. • The smoothie bikes will be securely clamped into the stand provided with the rear wheel elevated off the ground. Security of this setup will be frequently checked as vigorous smoothie-making can make the workings loosen. • Activity leaders will supervise when the bikes are in use at all times - ensure they are available to hold the bike/blender in place to prevent it from tipping over, by standing on the bike stand. • The blender should be removed before/after when mounting/dismounting the bike to prevent the chance of kicking the blender jug out of place when getting on and off. • Risk of injury when attaching the blender jug to the bike - instruct the participant/rider to stop pedalling to ensure damage to the equipment and injury is prevented. 	
Consumption of food - food hygiene	Activity leaders and Participants	<ul style="list-style-type: none"> • All activity leaders members will receive food hygiene training prior to the start of activity days. • All fruit will be used within its best before/use by date. • Participants preparing the fruit will wash their hands before handling the food items or utensils. • Utensils/cups will be used to handle the food rather than hands. • Chopping boards and knives (as required) will be provided and suitable for fruit/vegetables only (Green chopping board). 	

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		<ul style="list-style-type: none"> • Food requiring refrigeration/freezer will be managed accordingly. 	
Consumption of food - food allergies	Participants	<ul style="list-style-type: none"> • Only fruits and fruit juices will be used throughout the activity - no nuts or dairy products will be used. • Foods will be separated and utensils kept in appropriate bowls. 	
Risk of injury using sharp objects	Activity leaders and Participants	<ul style="list-style-type: none"> • Activity leaders should be competent and will communicate information and training to the participants before they use the sharp items. • Activity leaders will count out the sharp items and count them back in to make sure that they are all returned. • Activity leaders will supervise the participants when they're using the sharp items. • Participants will be made aware of the dangers of placing hands near the gyro attachment on the bike that rotates the blender and to be cautious at all times. 	
Disposal of leftovers/cups used/cleaning of equipment	Activity leaders and Participants	<ul style="list-style-type: none"> • Cups used to decant smoothies to be disposed of into a bin. • Equipment to be washed in between sessions using warm soapy water, rinsed and dried in preparation for the next session. 	
Behaviour - over excitement.	Participants	<ul style="list-style-type: none"> • Section code of conduct in place to set clear expectations of behaviour. 	
Equipment and set up (tables) - injury to participants and activity leaders moving items, injury due to tripping over table legs.	Activity leaders and Participants	<ul style="list-style-type: none"> • The setting up and moving of equipment will be completed by the activity leaders before the participants arrive. • Heavier items should be carried by two people minimum. • If any moving of equipment is required, activity leaders will communicate and supervise the participants. 	

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Blair Atholl Risk Assessment 2024

Name of activity, event, and location	KABoom! Oobleck Blair Atholl Jamborette 2024, Target Park, Blair Atholl	Date of risk assessment	05/06/2024	Name of person doing this risk assessment	Michaela Rogers
		Date of next review	2 weeks from the end of camp.		

What could go wrong? What hazard have you identified? What are the risks from it?	Who is at risk?	What are you going to do about it? How are the risks already controlled? What extra controls are needed? How will they be communicated to young people and adults and remain inclusive to all needs?	Review & revise What has changed that needs to be thought about and controlled?
Misuse and accidental ingestion of Cornstarch & Cornstarch/Water Mixture.	Participants	<ul style="list-style-type: none"> Activity to be supervised by activity leaders. Ensure that participants are aware that the materials are to be handled responsibly and that it is not to be ingested. 	
Accidental contact with eyes and inhalation.	Participants	<ul style="list-style-type: none"> Ensure that care is taken when mixing the cornstarch with the water to avoid accidental contact or inhalation of dust - this stage will be supervised by an Activity leader. Participants to be warned about the risk of throwing the cornstarch/water mixture during experimenting i.e. throwing the mixture to access its properties. Eye Wash Station and first aiders will be available in case of emergency. 	
Disposal of final product mixture at the end of the activity session.	Participants	<ul style="list-style-type: none"> Dispose of oobleck into a designated bin bag. Use water to wash away any spillages. Participants to ensure they wipe down the working station and clean their hands thoroughly after use. 	

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Blair Atholl Risk Assessment 2024

Name of activity, event, and location	KABoom! Bottle Rockets Blair Atholl Jamborette 2024, Target Park, Blair Atholl	Date of risk assessment	08/05/2024	Name of person doing this risk assessment	Michaela Rogers
		Date of next review	2 weeks from the end of camp.		

What could go wrong? What hazard have you identified? What are the risks from it?	Who is at risk?	What are you going to do about it? How are the risks already controlled? What extra controls are needed? How will they be communicated to young people and adults and remain inclusive to all needs?	Review & revise What has changed that needs to be thought about and controlled?
Rocket hits someone during take-off, flight or landing	Participants/ individuals in the surrounding area	<ul style="list-style-type: none"> Only one person (launch controller) to be close to rocket during launch/pumping. All other spectators to stand minimum of 5-10m away from launch and observe rocket, after initial launch rocket force is minimal. Launch controller to be as far away as possible with length of pump hose, and to pump from a kneeling position. Supervising adult to be ready to dynamically control situation and move the group if there is a problem – e.g. rocket falls over. Rockets only to be filled 1/3 with water to prevent falling over during launch. 	
Rocket hits an object or obstruction during flight	Participants	<ul style="list-style-type: none"> Supervising activity leaders to complete a visual inspection of the launch areas for hazards prior to the session. Continue to monitor for developing hazards throughout the session. 	
Bottle exploding due to damage or over pressurisation.	Participants	<ul style="list-style-type: none"> Bottles to be inspected for damage before each launch. System is designed to release at low pressure (approx. 25psi). 	
Participants injure themselves using tools to build or repair rockets.	Participants	<ul style="list-style-type: none"> Activity leaders present to supervise all groups When using sharp objects, ensure the blade is being used away from fingers or towards other individuals. When not using the blade, ensure that it is placed back onto the worktop area out of the way of accidentally being knocked about or over the edge. If it comes with a cover, replace this when not in use. 	
Injury or accidents associated with group behaviour and adventurous activities.	Participants	<ul style="list-style-type: none"> A ratio of 1:4 or 1:6 for group members to supervising activity leaders is recommended. Supervising activity leaders to give a briefing and follow the session structure to ensure participants stay engaged. Supervising adults to complete a visual check of the area before beginning the session to identify any unexpected hazards. 	

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Unsupervised use of the activity	All present	<ul style="list-style-type: none">• All groups are made aware not to use activity equipment without supervision.• Equipment to be returned to leaders team after use (or agreed location).	
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Blair Atholl Risk Assessment 2024

Name of activity, event, and location	KABoom! DIY Lava Lamps Blair Atholl Jamborette 2024, Target Park, Blair Atholl	Date of risk assessment	08/05/2024	Name of person doing this risk assessment	Michaela Rogers
		Date of next review			

What could go wrong? What hazard have you identified? What are the risks from it?	Who is at risk?	What are you going to do about it? How are the risks already controlled? What extra controls are needed? How will they be communicated to young people and adults and remain inclusive to all needs?	Review & revise What has changed that needs to be thought about and controlled?
Use of food products - risk of ingestion	Participants	<ul style="list-style-type: none"> Remind participants that any of the materials required for the experiment are not to be ingested, including the vegetable oil, food colouring and antacid tablets. Activity to be supervised by activity staff and ensure that remaining antacid tablets are accounted for at the end of each activity session. 	
Spillages - risk of slipping	Participants	<ul style="list-style-type: none"> Vegetable oil required for the activity can cause quite a mess if spilled - if spillage occurs on the work surface, wipe up with soapy water and dry the surface. 	
Clothing staining caused by food colouring	Participants	<ul style="list-style-type: none"> Make participants aware that food colouring spillages on clothing may cause staining to ensure they are more cautious when using the product. 	
Disposal of final product at the end of the activity session	Participants	<ul style="list-style-type: none"> The final contents of the DIY Lava Lamps (vegetable oil, water and food colouring mix) will be collected in a large disposal bottle and washed down a sink with plentiful amounts of water. The plastic bottles and lids will be disposed of in a bin bag. 	

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