

Risk Assessment for the following experience: Site Specific

To be read in conjunction with other related risk assessments & policies/procedures.
 NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

The weather, activities and the environment all have risks which could impact on the well-being of the participants. Therefore Belmont Academy follows the principle that there is no such thing as bad weather, just unsuitable clothing and we aim to in-still that in our parents through our comprehensive policies. However, we take safety seriously and will cancel Forest School if necessary. Experimental learning Multisensory experience, Being in touch with nature, Learning to manage different temperatures, Learning to associate weather with risk, Being in touch with own body and experiences.



<p>Probability Score:</p> <ol style="list-style-type: none"> <5% chance that it will occur - very unlikely 25% chance that it will occur 50% chance that it will occur 75% chance that it will occur >95% chance that it will occur - very likely 	<p>Severity Score</p> <ol style="list-style-type: none"> Not serious - no first aid required Minor Injury - requiring basic first aid Injury - requiring non immediate professional medical attention Serious injury/multiple injuries - requiring immediate medical attention Major accident - multiple injuries or fatality 	<p>Calculate the risk levels:</p> <p>The rating is calculated from the probability multiplied by the severity which will give a rating between 1 & 25. We will not be carrying out any activities deemed to have a revised rating of over 12 as they are deemed too dangerous even with control measures in place.</p>
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Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Branches falling from trees	Cuts and scrapes Broken bones Head trauma/neck injury	5 x 5 = 25	<ul style="list-style-type: none"> Daily weather forecasts and weather warnings will be checked and precautions followed. Forest School will be cancelled on days with a Weather warnings assessed using Beaufort Score of 9 in line with weather warnings. 	2x5=10

			<ul style="list-style-type: none"> • During site sweep on days that are windy (Beaufort score of >9 < 6) ensure no loose branches are present. • Remove loose branches where possible. • Branches out of reach will be taped off, until safely removed, students will be warned about the dangers. 	
Extreme cold	Frostbite hypothermia	5x5=25	<ul style="list-style-type: none"> • Weather channels and weather warnings will be followed. • Ensure students wear appropriate cold weather clothing, (thermals, hats, scarves, waterproofs, gloves and layers.) • Ensure that letters are sent to parents to remind them about suitable clothing and check replies. A supply of spare warm clothing is available for extra layers. Making sure students are warm and comfortable during session. • The Forest School leader may refuse to allow children's attendance if not dressed appropriately. • Take into account wind chill factor. • Cancelling Forest School when weather is set to be below - 5 degrees (depending on age of students) • Offering hot drinks regularly to ensure hydration by using Kelly kettle or prepared hot water in a flask. • Ensuring that there are enough spare clothes on site should a student require additional layers? • Ensure that the medical bag contains space blankets. 	2x5=10
Extreme heat	Sunburn Heatstroke Dehydration	5x5=25	<ul style="list-style-type: none"> • Weather channels and weather warnings will be followed. • Ensure students are wearing suitable loose clothing: long sleeved tops, trousers and a hat. • The Forest School leader may refuse to allow children who are not dressed appropriately to attend. • Sun cream to be applied 1-2 hourly. • Ensure the students take regular breaks to hydrate. • Ensuring that students do not spend extended periods in full sunshine and avoid direct sun between 11.00-3.00. 	2x5=10

			<ul style="list-style-type: none"> • Encourage students to find shady areas for hydration breaks. • A shelter will be put up to provide shade if there is no natural shade available. 	
Uneven ground, slippery slopes, wet ground and slippery paths	Slip Trips Falls	4x5=20	<ul style="list-style-type: none"> • Ensure all students wear appropriate footwear is worn. • Make students aware of any known hazards around the site such as exposed tree roots. • Encourage students to be aware of their surroundings. 	1x5=5
Contact with animal faeces.	Illness	3x5=15	<ul style="list-style-type: none"> • The Forest School leader will check the site prior to any visit and remove and dispose of any waste. 	1x5=5
Nettles, brambles fungi	Stings Cuts Poison Skin irritant	2x5=10	<ul style="list-style-type: none"> • Students to be warned of nettles, brambles and fungi prior to the start of an activity. Remind of 'No lick' rule. • Nettles and brambles that are growing over a path will be removed. Fungi identified for danger and removed or all warned of area. 	1x5=5
Accident/Illness	May become ill have an accident	2x3=6	<ul style="list-style-type: none"> • Within the Health and Safety briefing the students will be informed of action they should take if they feel ill or have an accident. • A fully stocked first aid kit on site at all times. • A certified first aider on site at all times. • There will be an up to date log book to record any incidents/illnesses on site at all times. • Students emergency contact will be with the School office by using a fully charged walkie talkie. • A charged walkie talkie will be kept available on site. • Ensure insect bites are recorded and information given to teacher passed onto parent/carer. 	1x3=3
Fires and their usage	Burns Scalds Death	5x5=25	<ul style="list-style-type: none"> • Brief all students with fire safety talk during introduction. • Fire safety will be adhered to at all times. • Frequently reinforce fire safety verbally. • Manage fire with fire retardant gloves. • Always have a bucket of water on standby next to the fire. 	2x5=10

			<ul style="list-style-type: none"> • Fire extinguisher on standby in specific place. 	
Use of hand tools	Cuts Injuries Death	5x5=25	<ul style="list-style-type: none"> • Brief all students on correct tool use. • Demonstrate proper tool use techniques. • Forest School staff to supervise all tool use at all times. 	2x5=10
Fences and gates	Trips Cuts	4x5=20	<ul style="list-style-type: none"> • Students must access site only through the authorised access points. • They must not climb perimeter fence/walls. 	1x5=5
Pond/ Wells disease	Illness Drowning	4x5=20	<ul style="list-style-type: none"> • Limit contact with pond water. • Hand wash to be provided. • No eating near the pond. • Don't reach over the pond. • Only kneel at the pond edge. • No running near the pond. 	1x5=5
Discovery of sharp objects Hazardous waste	Cuts/scrapes Poisoning /contamination illness	4x5=20	<ul style="list-style-type: none"> • FSL to carry out site search before and after sessions. • Litter pick every session. • Always use gloves to protect against injury. • Brief all adults what to do if sharp/hazardous items found. 	1x5=5
<p>Please note Belmont Academy will always follow adverse weather warnings and cancel with as much notice as possible. Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.</p>				
Signed:		Position:		Date:

This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk assessment for the following experience: Daily Site Sweep

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

The Forest School leader will check the site every single day before any sessions take place to ensure our strict safety standards are being met. This is very important because we want the children to be able to participate fully in all activities in a risk taking environment which is safe.



Benefits: In touch with nature, multisensory, experimental learning, being in touch with own body and experiences, learn to associate weather with risk, learn to manage different temperatures.

Probability Score:

6. <5% chance that it will occur - very unlikely
7. 25% chance that it will occur
8. 50% chance that it will occur
9. 75% chance that it will occur
10. >95% chance that it will occur - very likely

Severity Score

6. Not serious - no first aid required
7. Minor Injury - requiring basic first aid
8. Injury - requiring non immediate professional medical attention
9. Serious injury/multiple injuries - requiring immediate medical attention
10. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between **1 & 25**. Our company will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Branches falling from trees	Head trauma/neck injury Broken bones Cuts and scrapes	5 x 5 = 25	<ul style="list-style-type: none"> Observe weather forecasts prior to session and weather warnings will be followed. Forest School will be cancelled on days with a Beaufort Score of 9 in line with weather warnings. 	2x5=10

			<ul style="list-style-type: none"> • Forest School Handbook Site sweep on days with that are windy with Beaufort score of >9 < 6 to ensure no loose branches are present. • Removal of loose branches where possible. If the branches are not reachable, then the area of risk will be taped off and a warning given to students. 	
Uneven ground, slippery slopes, wet ground and slippery paths	Slip Trips Falls	4x5=20	<ul style="list-style-type: none"> • Ensure all students wear appropriate wear, (not open toed shoes.) • Make students aware of any known hazards around the site such as exposed tree roots. • Encourage students to be aware of their surroundings. 	1x5=5
Extreme cold	Frostbite hypothermia	5x5=25	<ul style="list-style-type: none"> • Weather channels and weather warnings will be followed. • Ensuring participants wear suitable cold weather clothing, thermals, hats, scarves, waterproofs, gloves and layers. • Ensure that emails/texts/letters are sent to parents to remind them about suitable clothing and check that all reply. • The Forest School leader may refuse to allow children's attendance if not dressed appropriately. • Take into account wind chill factor. • Cancelling Forest School when weather is set to be below - 5 degrees (depending on age of students) • Offering hot drinks regularly to ensure hydration by using Kelly kettle or prepared hot water in a flask • Ensuring that there are enough spare clothes on site should a student require additional layers. • Ensure that the medical bag contains space blankets. 	2x5=10
Extreme heat	Sunburn Heatstroke Dehydration	5x5=25	<ul style="list-style-type: none"> • Weather channels and weather warnings will be followed. • Ensure students are wearing suitable loose clothing: long sleeved tops, trousers and a hat. • The Forest School leader may refuse to allow children who are not dressed appropriately to attend. 	2x5=10

			<ul style="list-style-type: none"> • Sun cream to be applied 1-2 hourly. • Ensure the students take regular breaks to hydrate. • Ensuring that students do not spend extended periods in full sunshine and avoid direct sun between 11.00-3.00. • Encourage students to find a shady area for rest and a drink. • A shelter will be put up to provide shade if there is no natural shade available. 	
Contact with animal faeces.	Illness	3x5=15	<ul style="list-style-type: none"> • The site team will check the site prior to any visit and remove and dispose of any waste. 	1x5=5
Fences and gates	Trips Cuts	4x5=20	<ul style="list-style-type: none"> • Students must only use authorized access points to the site. • They must not climb fences/gates. 	1x5=5
Nettles, brambles and fungi	Stings Cuts poison	2x5=10	<ul style="list-style-type: none"> • Students to be warned of nettles, brambles and fungi prior to the start of an activity, promote 'No lick' rule. Teach the need for self-protection • Nettles and brambles that are growing over a path will be removed. 	1x5=5
<p>A daily sweep will be made recording on the sheet any findings and action taken then we are happy that participants, observers, visitors and staff will have a safe and happy experience. We accept that even after a daily sweep sometimes accidents can happen, in which case we would follow the Accident and Emergency Policy.</p> <p>Please note - Belmont Academy operates under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world</p>				
Signed:			Position:	Date:

This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

The premises staff will inform Forest School leader (Jo Richardson) the sweep schedule to survey the site before every session to ensure safety standards are met. If a safety issue is found then it must be noted in the box as well as the action taken to remedy the issue.

See Appendix IV

Risk Assessment for the following experience: Weather

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



Being in touch with nature, Coping with different weather conditions and temperatures, Multisensory experiences

Description: Strong winds, heavy rain, extreme heat or cold. Can have an impact on the wellbeing of students

Probability Score:

11. <5% chance that it will occur - very unlikely
12. 25% chance that it will occur
13. 50% chance that it will occur
14. 75% chance that it will occur
15. >95% chance that it will occur - very likely

Severity Score

11. Not serious - no first aid required
12. Minor Injury - requiring basic first aid
13. Injury - requiring non immediate professional medical attention
14. Serious injury/multiple injuries - requiring immediate medical attention
15. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between **1 & 25**.
Our company will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
High wind (falling branches)	Head injury Cuts/bruises Broken bones	5x5=25	<ul style="list-style-type: none"> • Weather channels, radio and weather warnings observed. • Cancellation of Forest School on days with a Beaufort score of 9 in line with weather warnings 	2x5=10

			<ul style="list-style-type: none"> • Site sweep on days with that are windy with Beaufort score of $>9 < 6$ to ensure no loose branches are present. • Removal of loose branches if possible. • If branches are not reachable, then area of risk taped off and safety briefing given to students to stay away. 	
High wind causing debris to fly about. (smaller branches, sticks, leaves, dust)	Cuts / Bruises Serious injury Eye injury	$4 \times 4 = 16$	<ul style="list-style-type: none"> • Observe weather channels, radio and weather warnings • If possible remove loose branches • Site sweep on days with that are windy with Beaufort score of $>9 < 6$ to ensure no loose branches are present. • If branches are not reachable, then area of risk taped off and a safety briefing given to students to stay away from taped off areas. • Cancellation of Forest School on days with a Beaufort score of 9 in line with weather warnings. • Medical bag to contain eye wash. 	$2 \times 3 = 6$
High temperatures	Sun burn Heatstroke Dehydration	$5 \times 4 = 20$	<ul style="list-style-type: none"> • Prior to sessions observe weather channels, radio and weather warnings. • Ensuring students wear suitable clothing in hot weather - long sleeved cotton tops, long light trousers and a hat. • Inappropriate dress may cause FSL to refuse participation. • Sun cream to be applied prior to session. • All students will take regular breaks to have a drink. • Ensure that students do not spend long periods in the full sunshine or at all between 11.00 and 3.00. • Students will be encouraged to have a rest and drink in a shady area. • Forest School staff will put up more shelters to provide shade. 	$2 \times 3 = 6$

Very low temperatures	Frost bite Dehydration Hypothermia	5x4=20	<ul style="list-style-type: none"> • Prior to sessions observe weather channels, radio and weather warnings. • Ensuring students are wearing suitable cold weather clothing, thermals, hats, scarves, waterproofs, gloves and thin layers. • Ensuring that letters are sent to parents to remind them what suitable clothing is required and ensure a reply is received. • Ensuring that there are enough extra clothes on site should a students not dress appropriately. • Forest School leader will have to refuse children to participate if not dressed appropriately. • Wind chill factor must be taken into account. • Cancelling Forest School if weather is set to be below -15 degrees (depending on age of students) • Offer hot drinks regularly to ensure hydration. Use of Kelly kettle and flasks. 	
<p>Belmont Academy will always follow the adverse weather warnings and endeavour to cancel Forest School sessions with adequate notice. Belmont Academy will never take unnecessary risk when it comes to adverse weather.</p> <p>Please note - Belmont Academy operates under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world. Belmont Academy follow the code of conduct that there is no such thing as bad weather, just unsuitable clothing.</p>				
Signed:		Position:	Date:	

This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Covid 19

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



Being in touch with nature, outside experience, multisensory experiences

Description: Can have an impact on the wellbeing of students

Probability Score:

16. <5% chance that it will occur - very unlikely
17. 25% chance that it will occur
18. 50% chance that it will occur
19. 75% chance that it will occur
20. >95% chance that it will occur - very likely

Severity Score

16. Not serious - no first aid required
17. Minor Injury - requiring basic first aid
18. Injury - requiring non immediate professional medical attention
19. Serious injury/multiple injuries - requiring immediate medical attention
20. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between **1 & 25**.
Our company will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Transmission of Covid 19	Spread of virus	5x5=25	<ul style="list-style-type: none"> • Maximum of 15 pupils in a session • Pupils from the same year group bubble • Changing into own forest school clothes in the classroom or changing shed • Access to the Dell from outside the building through the field 	2x5=10

			<ul style="list-style-type: none"> • Use of toilet in the house (cleaned after each session) • Pupils take their own drink bottles • Use of hand sanitizer in Dell, hand washing when returning • Pupil experiencing symptoms, Forest School leader to inform office to advise where to isolate • When using the fire pit area children to socially distance on benches • First aid administered with PPE 	
<p>Belmont School will always follow the <i>Government</i> guidelines set out for schools</p> <p>Please note - Belmont School operates under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.</p>				
Signed:		Position:		Date:

This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Camp Fire

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



Fun, learn how to safely use it, social, life skill, sensory experience, warmth, help well-being, cook food/boil water, team work, knowledge, take fear away, science, meditative, mindfulness, gain respect for fire

Probability Score:

- 21. <5% chance that it will occur - very unlikely
- 22. 25% chance that it will occur
- 23. 50% chance that it will occur
- 24. 75% chance that it will occur
- 25. >95% chance that it will occur - very likely

Severity Score

- 21. Not serious - no first aid required
- 22. Minor Injury - requiring basic first aid
- 23. Injury - requiring non immediate professional medical attention
- 24. Serious injury/multiple injuries - requiring immediate medical attention
- 25. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between **1 & 25**. Our company will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Behaviour	Burns Serious injury Smoke inhalation Death	5x5=25	<ul style="list-style-type: none"> • All students must follow the Behaviour Policy. • Unsafe behaviour will not be accepted around the Camp Fire. If after individuals have been reminded they continue to show inappropriate behaviour they will be removed from the camp fire area. 	1x5=5

			<ul style="list-style-type: none"> • Staff to model safe and appropriate camp fire behaviour. • Students are reminded to walk around the outside of the seats rather than cross the fire pit area. Reminded with the 'Tablecloth' phrase. • When Forest School leader has assessed the behaviour of students and taking into consideration age and stage then and only then will students be shown how to light fires maximum of 4 under constant supervision from Forest School leader. 	
Unsuitable Clothing/long hair	Burns Serious injury Death	4x5=20	<ul style="list-style-type: none"> • Long hair needs to be tied up when tending fire. • Synthetic gloves are not worn when tending the fire. • Any clothes that are hanging loose such as scarves and belts must be tucked in before entering the Fire pit area. 	1x5=5
Accident/illness	May become ill/have an accident	2x3=6	<ul style="list-style-type: none"> • Within the Health and Safety briefing the students will be informed of action they should take if they feel ill or have an accident. • Maintain a fully stocked first aid kit on site at all times. • There will be a certified first aider on site at all times. • There will be an up to date log book to record any incidents/illnesses on site at all times. • Emergency contact details will be kept at the school office contact will be made with a walkie talkie. • A charged walkie talkie will be with FSL at all times. 	1x3=3
Unsuitable burning material	Combustion/ Explosion/ respiratory	5x5=25	<ul style="list-style-type: none"> • In the safety briefing students will be told what is suitable or not suitable burning material • Students are reminded not to put anything on the fire without supervision. • Wood with contaminants (paint, glue etc.) on it must not be used on the camp fire. • Flammable liquids (petrol, white spirit etc.) must not be used to ignite the camp fire to avoid explosions. 	1x5=5

			<ul style="list-style-type: none"> No toxic woods put on fire. We will only use wood that we have sourced. 	
Flames	Burns	5x4=16	<ul style="list-style-type: none"> The fire will be built suitable for the intended purpose and not made too large. The fire must be kept under control at all times. Students will follow full safety procedures respect positioning on tending the fire. 	1x4=4
Igniting the fire	Burns Injuries	3x5=15	<ul style="list-style-type: none"> Fires to be lit by Forest School leader using the agreed fire lighting method. No flammable liquids/accelerants used to light the fire. Fire lighting should always be done in the Respect Position. Fire striker returned to tool box. 	1x5=5
Extinguishing the fire	Smoke inhalation Burns Serious injury	5x5=25	<ul style="list-style-type: none"> Fire should be put out in line with the Camp Fire Policy. Water should be poured on it at arm's length standing with back to wind. Water should be poured on from the outside inwards in small swirls until the fire is slowly extinguished. After the fire extinguished all remaining fire fuel and debris should be picked up and put in a metal bucket full of water. The Forest School leader will decide who has the experience and confidence to do this job. 	1x5=5
Setting surrounding ground and vegetation alight	Burns, scorching of land, potential forest fire	4x5=20	<ul style="list-style-type: none"> Planned location of fire pit area on flat ground. No overhanging branches. Fire pit area cleared with no vegetation close by. Steel fire pit to be used in designated area. Fire properly extinguished with water before leaving with all ash debris/embers thoroughly wet/cold before disposing. Fire size is suitable to the current activity. 	1x5=5
Canopy (tarp/parachute catching light)	Burns, potential forest fire	3x5=15	<ul style="list-style-type: none"> Parachute will be safely secured so it will not fall on the fire. 	1x5=5

			<ul style="list-style-type: none"> Parachute will be high enough and the fire small enough so embers do not reach the parachute. 	
Wood selection	Potential carcinogenic/ respiratory issues	5x5=25	<ul style="list-style-type: none"> Where possible, use dry wood as it produces less smoke and doesn't spit as much. Never use a toxic wood on the fire (Yew Tree and Rhododendron). Only use standing dead wood for tinder as you can identify what tree it has come from. 	1x5=5
Smoke	Respiratory Problems Trips Burns	3x5=15	<ul style="list-style-type: none"> The Forest School leader will brief students that they can move away from the smoke if they wish. Always position yourself upwind from the smoke. Where possible, use dry wood as it produces less smoke. Students will be advised not to walk through smoke. 	1x5=5
Bags and belongings inside fire circle Accessibility	Sprains burns	4x5=20	Students will be reminded to keep fire pit area clear and all bags, coats etc. must be kept outside the seating area.	1x5=5
Weather	Burns Forest Fire	5x5=25	<ul style="list-style-type: none"> The Forest School leader is responsible for checking the weather forecast prior to session. If the winds are at a dangerous level - the fire will not be lit. If the wind speed becomes dangerous when the fire is lit, then the fire will be extinguished. 	1x5=5
Fire left unattended	Burns Smoke inhalation Serious injury	5x5=25	<ul style="list-style-type: none"> The camp fire must be attended by the Forest School leader at all times The camp fire will only be lit by the Forest School leader or supervised by FSL. Only light a fire size suited for the session. 	1x5=5
Fire Pit location	Forest Fire Burns	5x5=25	<ul style="list-style-type: none"> Fire pit will be situated in the dugout fire square Fires not to be lit in Pine Woods/Peat soil types. 	1x5=5
Tools	Slips/trips Fire hazard	5x3=15	<ul style="list-style-type: none"> Lighting tools will be put away once used. Fire pokers will be placed in a safe place. 	1x3=3

			<ul style="list-style-type: none"> Lighting/distinguishing equipment will be maintained and checked before use to ensure fire lighting/extinguishing is safely maintained. 	
Fire Pit surround	Forest Fire Burns	5x5=25	<ul style="list-style-type: none"> The fire pit construction has been designed to insulate the heat and to stop underground roots catching on fire which can spread fires. The large logs round the camp fire act as a boundary to stop the fire spreading outwards and to stop people getting too close. A minimum 2 metre perimeter round the fire pit will be completely clear of all leaves, litter, debris and other flammable material to stop fire spreading. 	1x5=5
<p>Belmont Academy have fully assessed the risks against the benefits of having a camp fire to cook food in our sessions. We concluded that the benefits far outweigh the risks provided that all of the measures above are followed to ensure our very high safety standards. Camp Fires are a very important part of our Forest School sessions and we will endeavour to teach our participants the importance of using them safely so they can learn from the whole experience. Please note - Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.</p>				
Signed:		Position:		Date:

This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Kelly Kettle

To be read in conjunction with other related risk assessments & policies/procedures.
 NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



Group activity, Team work, Collecting wood, Holistic learning, Use for warm drink, Fun, New Learning, Building resilience and confidence

Probability Score:

- 26. <5% chance that it will occur - very unlikely
- 27. 25% chance that it will occur
- 28. 50% chance that it will occur
- 29. 75% chance that it will occur
- 30. >95% chance that it will occur - very likely

Severity Score

- 26. Not serious - no first aid required
- 27. Minor Injury - requiring basic first aid
- 28. Injury - requiring non immediate professional medical attention
- 29. Serious injury/multiple injuries - requiring immediate medical attention
- 30. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between 1 & 25.
 Our company will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Finding wood	Trips Falls Cuts Smoke inhalation	4x4=16	<ul style="list-style-type: none"> • Safety briefing to move safely around the site being aware of any uneven ground keeping to boundaries. • Collect non-toxic wood. (Yew, holly and rhododendron are toxic) It must not be collected from the ground. • Only use dead wood from a known source, do not collect green wood as it will be very smoky when burning. • Rotate where wood is collected so not to deplete same areas. 	2x2=4

Fire Lighting	Toxic wood Smoke inhalation Burns	5x5=20	<ul style="list-style-type: none"> • Only the Forest School leader will light the Kelly kettle within the camp fire area until the children are able to. (age and stage appropriate) • Have a bucket of water, fire tongs and a towel prepared prior to lighting. • Position yourself with your back to the wind. • Lay small pieces of tinder in the base of the Kelly kettle. • Using the fire striker light the tinder card kneeling in the respect position. Once lit place into base of the Kelly kettle gradually adding wood. Teaching the breakfast, lunch and dinner use of twigs. • Continue to add wood from the side not from above the fuel hole to avoid burns. 	1x5=5
Positioning	Burns Scalds Smoke inhalation Risk of fire	5x5=25	<ul style="list-style-type: none"> • Clear the area within 2m around the Kelly kettle to avoid fire spreading. • Kelly kettle should be sat on a safe flat base. • Stand with your back to the wind and ensure all other participants are at least 2m away from the Kelly kettle. • Always turn the spout away from you so that boiling water will not spit on you. • The oxygen hole on the base should face in the opposite direction of the spout. • Never put the bung in the spout while boiling water due to risk of exploding water. 	1x5=5
Fire extinguishing	Burns Scalds Smoke inhalation Risk of fire spreading	5x5=25	<ul style="list-style-type: none"> • In order to extinguish the fire in the base, hold the kelly kettle handle at 90 degrees and using the chain for stability tip some water into the base. • Place the kettle on safe flat surface. Then use the tongs to place the base into the metal bucket of water to fully extinguish the fire. • Return the fire striker to its box. 	1x5=5

Transportation of Kelly kettle full of boiling water	Burns Scalds	5x5=25	<ul style="list-style-type: none"> • Ensure the spout is facing away from your body to avoid spillage of boiling water onto you. • Other participants need to be aware you are moving and keep a safe distance away. • Once empty return the kettle to a safe flat base to cool. 	1x5=5
Improper use of Kelly Kettle/behaviour	Burns Scalds Risk of fire Smoke inhalation	5x5=25	<ul style="list-style-type: none"> • Only the Forest School leader will use the Kelly kettle until participants are ready (age and stage appropriate). • The Forest School leader will give safety briefing prior to lighting and will monitor throughout use and never leave the participants/Kelly kettles unattended. • Keep the area where the participant is using the kettle clear of other participants, they are not to enter then 2metre exclusion zone. • Participants should not build the flames up too high. 	1x5=5
Please note - Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.				
Signed:		Position:		Date:

Risk Assessment for the following experience: Cooking over the Camp Fire

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



Fun activity, Sensory experience, Develops communication skills, Teaches risk management to the children, Keeps you warm, Builds confidence, Understand fire safety, Raises well-being, Removes fear, Social benefits, Learn to cook, Relaxing experience, Life skills, Teamwork

Probability Score:

- 31. <5% chance that it will occur - very unlikely
- 32. 25% chance that it will occur
- 33. 50% chance that it will occur
- 34. 75% chance that it will occur
- 35. >95% chance that it will occur - very likely

Severity Score

- 31. Not serious - no first aid required
- 32. Minor Injury - requiring basic first aid
- 33. Injury - requiring non immediate professional medical attention
- 34. Serious injury/multiple injuries - requiring immediate medical attention
- 35. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between **1 & 25**. Our company will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Food	Burns Food poisoning	5x4=20	<ul style="list-style-type: none"> • No meat to be cooked over the fire. • Simple recipes will be followed. • If food needs to be kept chilled, a cool box with Ice blocks will be used. • Any food used must be safe to eat and within 	1x4=4

			<p>It's use by date.</p> <ul style="list-style-type: none"> The Forest School leader needs to know about any food allergies/intolerances before the session and if students have food allergies then those Foods must not be used. Student's especially younger children will be warned that some foods such as marshmallows may burn due to the temperature of the sugar. Belmont Academy is a nut free environment and all food will be checked for traces before session starts. 	
Behaviour	Burns Serious injury Smoke inhalation Death	5x5=25	<ul style="list-style-type: none"> All students must follow the Behaviour Policy. Unsafe behaviour will not be accepted around the Camp Fire. If individuals after reminding continue to show inappropriate behaviour they will be removed from the camp fire area. Staff to model safe and appropriate camp fire behaviour. Students are reminded to walk around the outside of the seats rather than cross the fire pit area. Reminded with the 'Tablecloth' phrase. 	1x5=5
Unsuitable Clothing/long hair	Burns Serious injury Death	4x5=20	<ul style="list-style-type: none"> Long hair needs to be tied up when tending fire. Synthetic gloves are not worn when tending the fire Any clothes that are hanging loose such as scarves and belts must be tucked in before entering the Fire pit area. 	1x5=5
Accident/illness	May become ill/have an accident	2x3=6	<ul style="list-style-type: none"> Within the Health and Safety briefing the students will be informed of action they should take if they feel ill or have an accident. Maintain a fully stocked first aid kit on site at all times. There will be a certified first aider on site at all times. There will be an up to date log book to record any incidents/illnesses on site at all times. 	1x3=3

			<ul style="list-style-type: none"> Emergency contact details will be kept at the school office contact will be made with a walkie talkie. A charged walkie talkie will be with FSL at all times. 	
Unsuitable burning material	Combustion/ Explosion/ respiratory	5x5=25	<ul style="list-style-type: none"> In the safety briefing students will be told what suitable or not suitable burning material is. Students are reminded not to put anything on the fire without supervision. Wood with contaminants (paint, glue etc.) on it must not be used on the camp fire. Flammable liquids (petrol, white spirit etc.) must not be used to ignite the camp fire to avoid explosions. No toxic woods put on fire. We will only use wood that we have sourced. 	1x5=5
Flames	Burns	5x4=16	<ul style="list-style-type: none"> The fire will be built suitable for the intended purpose and not made too large. The fire must be kept under control at all times. Students will follow full safety procedures respect positioning or tending the fire. 	1x4=4
Igniting the fire	Burns Injuries	3x5=15	<ul style="list-style-type: none"> Fires to be lit by Forest School leader using the agreed fire lighting method. No flammable liquids/accelerants used to light the fire. Fire lighting should always be done in the Respect Position. 	1x5=5
Extinguishing the fire	Smoke inhalation Burns Serious injury	5x5=25	<ul style="list-style-type: none"> Fire should be put out in line with the Camp Fire Policy. Water should be poured on it at arm's length standing with back to wind. Water should be poured on from the outside inwards in small swirls until the fire is slowly extinguished. After the fire extinguished all remaining fire fuel and debris should be picked up and put in a metal bucket full of water. The Forest School leader will decide who has the experience and confidence to do this job. 	1x5=5

Setting surrounding ground and vegetation alight	Burns, scorching of land, potential forest fire	4x5=20	<ul style="list-style-type: none"> Planned location of fire pit area on flat ground. No overhanging branches. Fire pit area cleared with no vegetation close by. Fire bricks used as fire base. Fire properly extinguished with water before leaving with all ash debris/embers thoroughly wet/cold before disposing. Fire size is suitable to the current activity. 	1x5=5
Canopy (tarp/parachute catching light)	Burns, potential forest fire	3x5=15	<ul style="list-style-type: none"> Parachute will be safely secured so it will not fall on the fire. Parachute will be high enough and the fire small enough so embers do not reach the parachute. 	1x5=5
Wood selection	Potential carcinogenic/ respiratory issues	5x5=25	<ul style="list-style-type: none"> Where possible, use dry wood as it produces less smoke and doesn't spit as much. Never use a toxic wood on the fire (Yew Tree and Rhododendron). Only use standing dead wood for tinder as you can identify what tree it has come from. 	1x5=5
Smoke	Respiratory Problems Trips Burns	3x5=15	<ul style="list-style-type: none"> The Forest School leader will brief students that they can move away from the smoke if they wish. Always position yourself upwind from the smoke. Where possible, use dry wood as it produces less smoke. Students will be advised not to walk through smoke. 	1x5=5
Bags and belongings inside fire circle	Sprains burns	4x5=20	Students will be reminded to keep fire pit area clear and all bags, coats etc. must be kept outside the seating area.	1x5=5
Weather	Burns Forest Fire	5x5=25	<ul style="list-style-type: none"> The Forest School leader is responsible for checking the weather forecast prior to session. If the winds are at a dangerous level - the fire will not be lit If the wind speed becomes dangerous when the fire is lit, then the fire will be extinguished. 	1x5=5

Fire left unattended	Burns Smoke inhalation Serious injury Death	5x5=25	<ul style="list-style-type: none"> The camp fire must be attended by the Forest School leader at all times. The camp fire will only be lit by the Forest School leader or supervised by FSL. 	1x5=5
Fire Pit location	Forest Fire Burns	5x5=25	<ul style="list-style-type: none"> Fire pit will be situated in the dugout fire square Fires not to be lit in Pine Woods/Peat soil types. 	1x5=5
Fire Pit surround	Forest Fire Burns	5x5=25	<ul style="list-style-type: none"> The fire pit construction has been designed to insulate the heat and to stop underground roots catching on fire which can spread fires. The large logs round the camp fire act as a boundary to stop the fire spreading outwards and to stop people getting too close. A minimum 2 metre perimeter round the fire pit will be completely clear of all leaves, litter, debris and other flammable material to stop fire spreading. 	1x5=5
<p>Belmont Academy have fully assessed the risks against the benefits of having a camp fire to cook food in our sessions. We concluded that the benefits far outweigh the risks provided that all of the measures above are followed to ensure our very high safety standards. Camp Fires are a very important part of our Forest School sessions and we will endeavour to teach our participants the importance of using them safely so they can learn from the whole experience. Please note - Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.</p>				
Signed:			Position:	Date:

This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Fire striker

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



Fire safety, Respect for fires, Traditional method for fire lighting, Sense of achievement, Confidence, Emotional resilience, Provides warmth and heat, Provides heat for cooking

Probability Score:

- 36. <5% chance that it will occur - very unlikely
- 37. 25% chance that it will occur
- 38. 50% chance that it will occur
- 39. 75% chance that it will occur
- 40. >95% chance that it will occur - very likely

Severity Score

- 36. Not serious - no first aid required
- 37. Minor Injury - requiring basic first aid
- 38. Injury - requiring non immediate professional medical attention
- 39. Serious injury/multiple injuries - requiring immediate medical attention
- 40. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between **1 & 25**.
Our company will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Dangerous behaviour	Burns Injuries	3x4=12	<ul style="list-style-type: none"> • Children will be taught to use the fire striker safely in the briefing and the Forest School leader will model how to strike it safely. • It will only be used in the location of the fire circle. • Only one child will use a striker at a time. • The Forest School leader will supervise at all times. • The fire striker will be transported in the palm of the hand and not swung around. They must never be thrown. 	1x2=2

Storage of tool	Injuries Burn	3x4=12	<ul style="list-style-type: none"> • Before the start of a session the tools will counted in and out. • All tools will be checked for faults and any damaged tools will be removed from use. • The tool box will be kept locked and the Forest School leader will have the key. • Once the fire striker has been used it will be returned to the tool box. 	1x2=2
Weather (hot and very dry)	Fire spreading Injuries/Burns	3x4=12	<ul style="list-style-type: none"> • The fire striker will only be used in the cleared fire circle area. 	1x2=2
PPE	Maybe unsuitably clothed for activity causing injury	4x5=20	<ul style="list-style-type: none"> • To ensure that long hair is tied back when lighting fire. • To ensure that synthetic gloves are not worn when tending the fire • Any clothes that are hanging loose such as scarves must be tucked in before entering the Camp Fire Zone. • Flammable clothes (such as shell suits and children's dressing up costumes) are not allowed within the Camp Fire Zone. 	1x2=2
Location	Fire spreading Burns Injuries Death	5x5=25	<ul style="list-style-type: none"> • The fire striker will only be used in the cleared fire circle area. • Fire safety briefing will be given prior to use of fire striker. 	1x2=2
Age/ability of child	Cuts Injuries Burns	4x3=12	<ul style="list-style-type: none"> • The Forest School leader will decide if the child is ready to use a fire striker taking into account their maturity, dexterity and experience. • The Forest School leader will demonstrate how to use a fire striker safely. 	2x2=4
<p>Any further information which needs to be noted: have fully assessed the risks against the benefits of using Fire Strikers in our sessions. We concluded that the benefits far outweigh the risks provided that all of the measures above are followed to ensure our very high safety standards. Fire Strikers are a very important part of our Forest School sessions and we will endeavour to teach our participants the importance of using them safely.</p> <p>Please note: Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.</p>				
Signed:		Position:		Date:

This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Climbing

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



Managed risk taking, Muscular development, Fun, Independence, Communication, Teamwork, Connecting with nature

Probability Score:

41. <5% chance that it will occur - very unlikely
42. 25% chance that it will occur
43. 50% chance that it will occur
44. 75% chance that it will occur
45. >95% chance that it will occur - very likely

Severity Score

41. Not serious - no first aid required
42. Minor Injury - requiring basic first aid
43. Injury - requiring non immediate professional medical attention
44. Serious injury/multiple injuries - requiring immediate medical attention
45. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between 1 & 25.
Our company will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Falling	Cuts Bruises Injuries Broken bones	5x5=25	<ul style="list-style-type: none"> • Daily site sweep to ensure any loose branches are removed. • Suitable shoes and clothing are to be worn. • All loose clothing to be tucked in and scarves etc. must be removed. • Participants will be taught test a branch before climbing onto it and they will be advised not to climb higher than directed by a member of staff. 	1x5=5

			<ul style="list-style-type: none"> Children encouraged to assess their own competences adults will not help children to climb as they must climb up and down themselves. Unless deemed unsafe. 	
Slips and trips from debris and equipment under tree	Cuts Bruises Injuries Broken bones	4x4=16	<ul style="list-style-type: none"> Site survey to remove debris. Staff to remove any equipment to another area of the wood away from climbers. 	1x3=3
PPE	Cuts Bruises Injuries Broken bones	4x4=16	<ul style="list-style-type: none"> Suitable shoes and clothing are to be worn. All loose clothing to be tucked in and scarves etc. must be removed. Long hair should be tied back and jewellery removed. Long sleeves and trousers should always be worn. 	1x3=3
Accident/Illness	May become ill or have an accident	3x3=9	<ul style="list-style-type: none"> Within the Health and Safety briefing the students will be informed of action they should take if they feel ill or have an accident. Maintain a fully stocked first aid kit on site at all times. There will be a certified first aider on site at all times. There will be an up to date log book to record any incidents/illnesses on site at all times. Emergency contact details will be kept at the school office contact will be made with the walkie talkie. A charged walkie talkie will be kept available on site. 	1x3=3
Behaviour	Cuts Bruises Injuries Broken bones	4x4=16	<ul style="list-style-type: none"> Safety briefing covering: informing participants which trees they can climb that session, reminding them how high they can climb and testing the branches before putting their weight on it. If a child disregards the safety briefing and after a warning continues to display dangerous behaviour they will be removed from this activity. 	1x3=3

Weather (wet and windy)	Impact injuries Broken bones Bruising Cuts	5x4=20	<ul style="list-style-type: none"> • The Forest School leader will take account of weather warnings and if the wind speed is above Force 6 (25-31mph) on the Beaufort scale there will be no climbing. • If the wind speed increases during the session the Forest School leader will stop the climbing activities. • If the trees are too wet and slippery participants will be advised not to climb. 	1x1=1
Please note - Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.				
Signed:		Position:		Date:

This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Mud play

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



Imagination, Multi-sensory, Muscle development (gross/fine motor skills), Team building, Health benefits, Communication, New experiences

Probability Score:

- 46. <5% chance that it will occur - very unlikely
- 47. 25% chance that it will occur
- 48. 50% chance that it will occur
- 49. 75% chance that it will occur
- 50. >95% chance that it will occur - very likely

Severity Score

- 46. Not serious - no first aid required
- 47. Minor Injury - requiring basic first aid
- 48. Injury - requiring non immediate professional medical attention
- 49. Serious injury/multiple injuries - requiring immediate medical attention
- 50. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between **1 & 25**.
Our company will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Unsafe behaviour	Injuries Cuts	5x3=15	<ul style="list-style-type: none"> • Briefing and modelling of correct use of tools when playing in the mud. • Staff to monitor the children while playing. 	1x2=2

			<ul style="list-style-type: none"> If the unsafe behaviour continues the child will be removed from that area. 	
Slips and falls	Injuries Cuts Broken bones	5x3=15	<ul style="list-style-type: none"> Daily site sweep will identify any dips in the ground, exposed tree roots etc. which the Forest School leader will make known to the students. The Forest School leader will remind students to move safely round the site and to be aware of their surroundings. 	1x2=2
Tools/equipment for example Trowels, spades (long and short handled)	Injuries Cuts Abrasions	5x4=20	<ul style="list-style-type: none"> The Forest School leader will check the tools are safe to use. The tools will be safely stored in a designated labelled box and children will be reminded to return the tool to the box once they have finished. Staff will monitor the use of tools throughout play and give verbal reminders of how to use them safely as necessary. 	2x3=6
Water	Slipping where ground is wet Cuts Injuries Broken bones	5x3=15	<ul style="list-style-type: none"> Bark chippings will be laid where the ground is very wet and slippery. Verbal reminder to move carefully around where it is wet. 	2x2=4
Stones/rocks in the mud	Cuts Injuries	5x4=20	<ul style="list-style-type: none"> Monitor behaviour as the children play with the stones reminding them prior to play not to throw towards other people. 	2x3=6
Transporting of tools.	An accident may occur due to proximity to tool.	2x2=4	<ul style="list-style-type: none"> All tools are to be stored securely when not being used. When being transported tools will be held down and below the waist. Students will be reminded to how to carry tools safely. If the weight of the box is unmanageable for one person to hold then two people must carry it or it must be transported on a trolley. 	1x2=2

PPE	An accident may occur due to proximity to tool.	2x2=4	<ul style="list-style-type: none"> • Long hair should always be tied up. • Scarves and belts should be removed or tucked securely in coat. • Children should wear all in one waterproof suit. And welly boots • Jewellery such as necklaces, bracelets or dangling ear rings should not be worn/should be removed. 	1x2=2
Accident/illness	May become ill or have an accident	2x3=6	<ul style="list-style-type: none"> • Within the Health and Safety briefing the students will be informed of action they should take if they feel ill or have an accident. • Maintain a fully stocked first aid kit on site at all times. • There will be a certified first aider on site at all times. • There will be an up to date log book to record any incidents/illnesses on site at all times. • Emergency contact details will be kept at the school office contact will contact using a walkie talkie. • A charged walkie talkie will be kept available on site. 	1x3=3

Any further information which needs to be noted:

We fully understand the dangers in using mud play in our sessions but we feel that the benefits out-weigh negatives so we have put procedures and policies in place to lower all associated risks to a minimal level.

Please note - Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.

Signed:	Position:	Date:
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This assessment is reviewed annually unless accident/incident occurs requiring immediate review.



Risk Assessment for the following experience: Tarps, hammocks and rope swings (incl. rope safety)

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



Teamwork, Communication skills, Learning new skills, Development of muscles, Multisensory, Improved well-being and self confidence

<p>Probability Score:</p> <p>51. <5% chance that it will occur - very unlikely</p> <p>52. 25% chance that it will occur</p> <p>53. 50% chance that it will occur</p> <p>54. 75% chance that it will occur</p> <p>55. >95% chance that it will occur - very likely</p>	<p>Severity Score</p> <p>51. Not serious - no first aid required</p> <p>52. Minor Injury - requiring basic first aid</p> <p>53. Injury - requiring non immediate professional medical attention</p> <p>54. Serious injury/multiple injuries - requiring immediate medical attention</p> <p>55. Major accident - multiple injuries or fatality</p>	<p>Calculate the risk levels:</p> <p>The rating is calculated from the probability multiplied by the severity which will give a rating between 1 & 25.</p> <p>Our company will not be carrying out any activities deemed to have a revised rating of over 12 as they are deemed too dangerous even with control measures in place.</p>
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Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Behaviour	Cuts/bruises Rope burns Broken bones	5x4=20	<ul style="list-style-type: none"> Expectations of safety and behaviour will be talked about at the beginning of each session. If unsafe behaviour continues the student will be removed from the activity. Students will be informed of safe rope use, they should only be used for tarps and dens. Students will be shown ow to use hammocks appropriately. How to get in and out safely. 	1x5=5

Rope visibility	Head trauma/neck injury Broken bones Cuts and scrapes	5x5=25	<ul style="list-style-type: none"> Brightly coloured ropes will be used to make it easier to see. Visually impaired students will have 1-1 support. All ropes used to build shelters will be shown to students during introduction sessions. Where possible ropes will always be anchored above waist height so they can be easily seen. Students will be advised to keep a look out for ropes when they are being used for activities. 	1x5=5
Condition of ropes	Cuts Injuries Broken bones	5x5=25	<ul style="list-style-type: none"> It is the responsibility of the Forest School leader to ensure the ropes are in good condition before using them and any that show signs of wear and tear must be removed from use and disposed of. Ropes will be bought from a reputable supplier. High strength ropes will always be used. 	1x4=4
Knots	Cuts Scrapes Bruises Broken bones	5x4=20	<ul style="list-style-type: none"> Students will be taught different knots for different purposes. They will be informed that knots can be practiced within the setting but not on each other. 	1x3=3
Unsuitable or loose branches	Cuts Scrapes Bruises Injuries Broken bones	5x4=20	<ul style="list-style-type: none"> Dangerous or loose branches will be identified during the daily site sweep. They will be removed where possible. Ropes or hammocks should not be tied to branches unless the Forest School leader or Adult helpers have advised that it is safe to do so just in case they break. 	2x3=6
Hammocks/Tarps	Cuts Scrapes Bruises Injuries Broken bones	Cuts Scrapes Bruises Injuries Broken bones	<ul style="list-style-type: none"> Ropes securing hammocks and tarps must be tied to trees with appropriate knots. The Forest School leader or Adult helpers will check that the hammock is safe to use before students climb in. The ground below hammocks and tarps needs to be cleared from stones or branches. The space above the hammock and tarps needs to be checked and cleared of any loose branches. 	1x2=2

Putting up ropes and tarps in our sessions is not only great fun but also important. They hold up shelters that keep us dry in the rain and cool in the sun. Hammocks are important for the children when they need a rest or want to relax. Helping to erect hammocks and shelters will provide our children with a huge sense of pride and confidence in their own abilities. The risks have been assessed and Belmont Academy conclude that the benefits of this activity greatly outweigh them but we will always put safety first.

Please note - Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.

Signed:	Position:	Date:
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This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Shelter Building

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



Teamwork, Communication skills, Muscular development, Imagination, Manual skills, Self-confidence and well-being, Wider understanding of the world.

Probability Score:

- 56. <5% chance that it will occur - very unlikely
- 57. 25% chance that it will occur
- 58. 50% chance that it will occur
- 59. 75% chance that it will occur
- 60. >95% chance that it will occur - very likely

Severity Score

- 56. Not serious - no first aid required
- 57. Minor Injury - requiring basic first aid
- 58. Injury - requiring non immediate professional medical attention
- 59. Serious injury/multiple injuries - requiring immediate medical attention
- 60. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between **1 & 25**.
Our company will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Shelter falling down/branches falling	Cuts/scrapes Head injuries Concussion Broken bones	4x4=16	<ul style="list-style-type: none"> Group advised how and where to build before commencing. Staff to monitor shelter construction and guidance given if required. Students should have shelter checked by staff before entering. Materials used must be appropriate for type of shelter being built. 	1x3=3

			<ul style="list-style-type: none"> Diameter of branches used above head height not to exceed that of supporting branches. 	
Collecting the branches	Trips and falls Cuts/scrapes Injuries Broken bones	4x4=16	<ul style="list-style-type: none"> Students to be advised of any uneven ground. Students should be wearing appropriate sturdy footwear. 	1x3=3
Sharp/thorny branches	Cuts/scrapes Eye injuries	5x4=20	<ul style="list-style-type: none"> Students will be advised not to collect thorny branches. Staff will check shelter for any branches that may be sticking out before participants enter. Any sticks that protrude at eye level will be removed. 	1x3=3
Behaviour	Cuts/scrapes Injuries Broken bones	5x4=20	<ul style="list-style-type: none"> A safety briefing will be given before activities commence. Students will be reminded that sticks are not for fighting with. If unsafe behaviour continues the students will be removed from the activity. 	1x3=3
Nettles/brambles	Stings cuts	5x3=15	<ul style="list-style-type: none"> Students will be advised where to collect branches and den making materials from and nettles/brambles pointed out as areas to avoid. 	1x2=2
Lifting branches that are too heavy	Cuts Injuries Back injuries Shoulder injuries	5x4=20	<ul style="list-style-type: none"> During safety briefing students will be reminded not to try to pick up branches that are too large for them to manage safely. Show an example of a branch that is the maximum size for them to collect. Staff to monitor as students collect branches. 	1x3=3
<p>Den/shelter building is a highly engaging, confidence building activity that is fun for all participants. We have assessed the benefits compared to the risks and have concluded that benefits do outweigh the risks.</p> <p>Please note - Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.</p>				
Signed:			Position:	Date:

This assessment is reviewed annually unless accident/incident occurs requiring immediate review

Risk Assessment for the following experience: Collecting using natural resources

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



Connecting with nature, Creativity, Exercise, Imagination, Teamwork, Communication, Fun, Knowledge about the natural world

Probability Score:

- 61. <5% chance that it will occur - very unlikely
- 62. 25% chance that it will occur
- 63. 50% chance that it will occur
- 64. 75% chance that it will occur
- 65. >95% chance that it will occur - very likely

Severity Score

- 61. Not serious - no first aid required
- 62. Minor Injury - requiring basic first aid
- 63. Injury - requiring non immediate professional medical attention
- 64. Serious injury/multiple injuries - requiring immediate medical attention
- 65. Major accident - multiple injuries or fatality

Calculate the risk levels:


The rating is calculated from the probability multiplied by the severity which will give a rating between 1 & 25.
Our company will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Slips and trips	Injuries Cuts Broken bones	5x3=15	<ul style="list-style-type: none"> Daily site sweep will identify any dips in the ground, exposed tree roots etc which the Forest School leader will make known to the students. The Forest School leader will remind students to move safely round the site and to be aware of their surroundings. 	1x2=2
PPE	Cuts Trips Abrasions Broken bones	5x3=15	<ul style="list-style-type: none"> Long hair should always be tied back. Scarves should be removed or tucked securely in coat. Children should wear long sleeve tops and trousers for every session. Jewelry such as necklaces, bracelets or dangling ear rings should not be worn/should be removed. 	1x2=2

			<ul style="list-style-type: none"> • Appropriate footwear should always be worn. students will be notified about this prior to the session. 	
Hazardous flora	Risk of poisoning Stings Cuts	5x3=15	<ul style="list-style-type: none"> • Daily site survey to keep an eye on over growing plants which will then be removed/cut back as necessary. • Briefing about nettles stings to us but essential to nature, we must avoid it encourage to use feet to trample out of way but only to clear pathway. • Nothing must be put into mouth especially dirty fingers. • Collect items with care taking into consideration plants that sting or have thorns. • Safety briefing about avoiding hazardous plants. • Appropriate clothing should be worn. • Sturdy footwear is essential. 	2x2=4
Behaviour	Cuts Abrasions Broken bones Trips and falls	5x3=15	<ul style="list-style-type: none"> • Safety briefing about behaviour expectations and if these are not kept to the child will be removed from that activity. • Staff will monitor behaviour throughout activity. 	2x2=4
Accident/illness	May become ill or have an accident	4x3=12	<ul style="list-style-type: none"> • Within the Health and Safety briefing the attendees will be informed of action they should take if they feel ill or have an accident. • Maintain a fully stocked first aid kit on site at all times. • There will be a certified first aider on site at all times. • There will be a up to date log book to record any incidents/illnesses on site at all times. • Emergency contact details will be kept at the school office and contact made using the walkie talkie • A charged Walkie Talkie will be kept available on site. 	1x3=3
<p>Any further information which needs to be noted: All risks have been carefully considered and we have reached the conclusion that the benefits of this activity outweigh the risks.</p> <p>Please note - Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, giving students the necessary information to assess risk to themselves whilst protecting the surrounding natural environment. Assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world</p>				
Signed:		Position:		Date:

This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Saws

<p>To be read in conjunction with other related risk assessments & policies/procedures. NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme</p>				
<p>Name of person compiling this risk benefit assessment: Jo Richardson</p>				
<p>Please state the benefits to the children of offering this experience?</p>				
				
<p>New Skills, New Knowledge, Team work, Wood cutting skills, Developing muscle strength, Develops confidence using tool</p>				
<p>Probability Score: 66. <5% chance that it will occur - very unlikely 67. 25% chance that it will occur 68. 50% chance that it will occur 69. 75% chance that it will occur 70. >95% chance that it will occur - very likely</p>		<p>Severity Score 66. Not serious - no first aid required 67. Minor Injury - requiring basic first aid 68. Injury - requiring non immediate professional medical attention 69. Serious injury/multiple injuries - requiring immediate medical attention 70. Major accident - multiple injuries or fatality</p>		<p>Calculate the risk levels: The rating is calculated from the probability multiplied by the severity which will give a rating between 1 & 25. We will not be carrying out any activities deemed to have a revised rating of over 12 as they are deemed too dangerous even with control measures in place.</p>
Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Unsafe or incorrect use of tools	Injury to self or others	5x5=25	<ul style="list-style-type: none"> A health and safety talk will be given prior to use of tools with visual checks ongoing throughout and reminders given when necessary. 	2x5=10

			<ul style="list-style-type: none"> • Prior to any use of sharp tools, FSL will assess tool usage and student competence with the student using the saws together with FSL • Students will be shown safe positions to sit/stand and hold their body. • Students will be shown how to hold and use the Saw safely and the object being cut. • Students will be shown how to stand safely while using the saw. • Students will only use a saw under the supervision of the Forest School leader if they are deemed to be ready. • Under no circumstances will students be allowed to use tools in an aggressive manner. This will be discussed in the introductory session so everybody is aware of this rule. • Ensure hands are dry when using a saw. 	
Slipping or falling	A fall may occur due to slippery, wet or uneven ground.	4x3=12	<ul style="list-style-type: none"> • Prior to each session the site will be checked and hazards will be removed or noted. • During the health and safety briefing the students will be made aware of any hazards and asked to report any they may see during the activity so they may be dealt with. • Students will be advised to wear appropriate footwear • The Forest School leader will suggest that students work in pairs to limit accidents. 	1x3=3
PPE	Maybe unsuitably	4x3=12	<ul style="list-style-type: none"> • Long hair should always be tied back. • Scarves will be removed or tucked securely in. 	1x2=2

	clothed for activity causing injury.		<ul style="list-style-type: none"> • Jewellery such as necklaces, bracelets or dangling ear rings should not be worn/should be removed. • Appropriate footwear should always be worn. students will be notified about this prior to the session. 	
Accident/illness	May become ill or have an accident	3x3=9	<ul style="list-style-type: none"> • Within the Health and Safety briefing the students will be informed of action they should take if they feel ill or have an accident. • Maintain a fully stocked first aid kit on site at all times. • There will be a certified first aider on site at all times. • There will be a up to date log book to record any incidents/illnesses on site at all times. • Emergency contact details will be kept in the school office and contact will be made using a walkie talkie • A charged walkie talkie will be kept available on site. 	1x3=3
Storing tools and equipment	An accident may occur due to proximity to tool.	4x4=16	<ul style="list-style-type: none"> • All tools are to be stored securely when not being used. • When being transported tools will be in a secure container and stacked safely. • If available tools will have a guard attached to them. • Tools will be counted in and out. • Students will be reminded to how to carry tools safely, the Forest School leader will model how to carry tool appropriately. • If the weight of the box is unmanageable for one person to hold then two people must carry it or it must be transported on a trolley. 	1x3=3

<p>Poor maintenance/lack of maintenance.</p>	<p>Injuries may occur due to broken or unsafe tools.</p>	<p>4x4=16</p>	<ul style="list-style-type: none"> • All tools will be checked prior to being used. • If a tool is broken while being used the Forest School leader should be informed so the tool can be removed from circulation. Students will be reminded of this prior to usage. • Damaged tools will stored separately. and marked by tape so it is clear they are not to be used. • Tools will be kept cleaned and dried after used. • The Forest School leader is responsible for the maintenance of the tools. 	<p>1x3=3</p>
<p>Belmont Academy have fully assessed the risks against the benefits of using Hand Saws in our sessions. We concluded that the benefits far outweigh the risks provided that all of the measures above are followed to ensure our very high safety standards. Hand Saws are an excellent tool to use in all our woodcraft activities and in woodland management which we will be encouraging our students to get involved with if they like this aspect of Forest Schools.</p> <p>Please note Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world</p>				
<p>Signed:</p>			<p>Position:</p>	<p>Date:</p>

This assessment is reviewed annually unless an accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Axe

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



New Skills, New Knowledge, Team work, Wood cutting skills, Developing muscle strength (Gross and fine motor skills)

Allows the child to develop their creativity, Multisensory

Probability Score:

- 71. <5% chance that it will occur - very unlikely
- 72. 25% chance that it will occur
- 73. 50% chance that it will occur
- 74. 75% chance that it will occur
- 75. >95% chance that it will occur - very likely

Severity Score

- 71. Not serious - no first aid required
- 72. Minor Injury - requiring basic first aid
- 73. Injury - requiring non immediate professional medical attention
- 74. Serious injury/multiple injuries - requiring immediate medical attention
- 75. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between **1 & 25**. We will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Unsafe or incorrect use of tools	Injury to self or others	5x5=25	<ul style="list-style-type: none"> • A health and safety talk will be given prior to use of tools with visual checks ongoing throughout and reminders given when necessary. 	2x5=10

			<ul style="list-style-type: none"> • Prior to any use of sharp tools, FSL will assess tool usage and student competence with the student using a potato peeler. • Students will be shown safe positions to sit/stand and hold their body. • Students will be shown how to hold and use the axe safely and the object being cut. • Students will be shown how to stand safely while using the axe. • No gloves to be worn whilst using the axe. • Students will only use an axe under the supervision of the Forest School leader if they are deemed to be ready. • FSL has the right to refuse a student using the tool if deemed unsafe. • Axe must be kept in protective sheath when not being used or transported. • Under no circumstances will students be allowed to use tools in an aggressive manner. This will be discussed in the introduction session so everybody is aware of this rule. • Carrying axe should be in sheath held down by side and carried ensuring the axe is in a fixed position not swung. • If the weather is too cold an axe is not safe to use. 	
Weather (Cold)	Cut scrapes Serious injury	4x5=20	<ul style="list-style-type: none"> • In extreme cold, tools will not be used as cold hands will be a danger to student with un-gloved hand. • In the rain tools will be used in safe sheltered area. 	1x2=2
Slipping or falling	A fall may occur due to slippery, wet or uneven ground leading to injuries.	4x3=12	<ul style="list-style-type: none"> • Prior to each session the site will be checked and hazards will be removed or noted. • During the health and safety briefing the students will be made aware of any hazards and asked to report any they may see during the activity so they may be dealt with. 	1x3=3

			<ul style="list-style-type: none"> • When carving or splitting wood an either an appropriate sized tool bench or a carving block placed on flat ground should be used. • Students will be advised to wear appropriate footwear (no open toed sandals or flip flops) 	
PPE	Maybe unsuitably clothed for activity causing injury.	4x3=12	<ul style="list-style-type: none"> • Long hair should always be tied back. • Scarves should be removed or tucked securely in coat. • Jewellery such as necklaces, bracelets or dangling ear rings should not be worn/should be removed. • Appropriate footwear should always be worn. Students will be notified about this prior to the session. 	1x2=2
Accident/illness	May become ill or have an accident	3x3=9	<ul style="list-style-type: none"> • Within the Health and Safety briefing the students will be informed of action they should take if they feel ill or have an accident. • Maintain a fully stocked first aid kit on site at all times. • There will be a certified first aider on site at all times. • There will be an up to date log book to record any incidents/illnesses on site at all times. • Emergency contact details will be kept at the school office and contact will be made using a walkie talkie. • A fully charged walkie talkie will be with FSL. 	1x3=3
Storing tools and equipment	An accident may occur due to proximity to tool.	4x4=16	<ul style="list-style-type: none"> • All tools are to be stored securely when not being used. • When being transported tools will be in a secure container and stacked safely. • The Forest School leader will have a key for the box. • If available tools will have a guard attached to them. • Tools will be counted in and out. • Students will be reminded to how to carry tools safely. 	1x3=3

			<ul style="list-style-type: none"> If the weight of the box is unmanageable for one person to hold then two people must carry it or it must be transported on a trolley. 	
Poor maintenance/lack of maintenance.	Injuries may occur due to broken or unsafe tools.	4x4=16	<ul style="list-style-type: none"> All tools will be checked prior to being used. If a tool is broken while being used the Forest School leader should be informed so the tool can be removed from circulation. Students will be reminded of this prior to usage. Damaged tools will stored separately and marked with tape so it is clear they are not to be used. Tools will be kept clean and dry after use. The Forest School leader is responsible for the maintenance of the tools. 	1x3=3
<p>Belmont Academy fully understands the dangers in using axes in our sessions but we feel that the benefits out-weigh negatives so we have put procedures and policies in place to lower all associated risks to a minimal level.</p> <p>Please note We operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.</p>				
Signed:		Position:		Date:

This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Billhook

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience? Bill hooks are used with a mallet to split wood



New Skills, New Knowledge, Team work, Wood cutting skills, Developing muscle strength, Develops confidence using tool, Multisensory experience

Probability Score:

- 76. <5% chance that it will occur - very unlikely
- 77. 25% chance that it will occur
- 78. 50% chance that it will occur
- 79. 75% chance that it will occur
- 80. >95% chance that it will occur - very likely

Severity Score

- 76. Not serious - no first aid required
- 77. Minor Injury - requiring basic first aid
- 78. Injury - requiring non immediate professional medical attention
- 79. Serious injury/multiple injuries - requiring immediate medical attention
- 80. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between **1 & 25**. We will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Unsafe or incorrect use of tools	Injury to self or others	5x5=25	<ul style="list-style-type: none"> • A health and safety talk will be given prior to use of tools with visual checks ongoing throughout and reminders given when necessary. 	2x5=10

			<ul style="list-style-type: none"> • Prior to any use of sharp tools, FSL will assess tool usage and student competence with the student and FSL using it together • Students will be shown safe positions to sit/stand and hold their body. • Students will be shown how to hold and use the billhook safely and the object being cut. • Students will be shown how to stand safely while using the billhook. • The Forest School leader will supervise the students at all times whilst using a billhook and will intervene if the correct technique is not being adopted by the participant. The FSL must then model correct way to use a billhook safely. • Students can only use a billhook if the Forest School leader thinks they are confident enough. • Ensure hands are dry when using a billhook. • Always split the wood with your body standing side on towards the wood and the billhook splitting away from your body. • Students will only use a billhook under the supervision of the Forest School leader if they are deemed to be ready. • Under no circumstances will children be allowed to use tools in an aggressive manner. This will be discussed in the introduction session so everybody is aware of this rule. 	
Storage of tool during session	Cuts scrapes Serious injury	4x4=16	<ul style="list-style-type: none"> • During initial safety briefing how to store and carry tool will be instructed by FSL. • Bill hooks will be stored on tool table when not in use with the sheath intact. • The bill hook will be transported with the sheath intact and held at students side in a fixed downward position not swung. 	

			<ul style="list-style-type: none"> Once used it will be returned to the table carried in the correct position with sheath intact. 	
Slipping or falling	A fall may occur due to slippery, wet or uneven ground.	4x3=12	<ul style="list-style-type: none"> Prior to each session the site will checked and hazards will be removed or noted. During the health and safety briefing the students will be made aware of any hazards and asked to report any they may see during the activity so they may be dealt with. Students will be advised to wear appropriate footwear (no open toed sandals or flip flops) If the ground where the students are working becomes slippery/muddy then bark chippings should be laid to prevent people from slipping. The Forest School leader will suggest that students work in pairs to limit accidents. 	1x3=3
PPE	Maybe unsuitably clothed for activity causing injury.	3x3=9	<ul style="list-style-type: none"> Long hair should always be tied back. Scarves should be removed or tucked securely in coat. Jewellery such as necklaces, bracelets or dangling ear rings should not be worn/should be removed. Appropriate footwear should always be worn. Students will be notified about this prior to the session. Gloves should <u>not</u> be worn whilst using a billhook to ensure the tool or hand doesn't slip. 	1x2=2
Accident/illness	May become ill or have an accident	3x3=9	<ul style="list-style-type: none"> Within the Health and Safety briefing the students will be informed of action they should take if they feel ill or have an accident. The Forest School leader will maintain a fully stocked first aid kit on site at all times. There will be a certified first aider on site at all times. There will be an up to date log book to record any incidents/illnesses on site at all times. Emergency contact details will be kept at the school office and a link will be maintained with the use of walkie talkie. 	1x3=3

			<ul style="list-style-type: none"> • A charged walkie talkie will be kept by FSL. 	
Storing tools and equipment	An accident may occur due to proximity to tool.	4x4=16	<ul style="list-style-type: none"> • All tools are to be stored securely when not being used. • The Forest School leader will have a key for the box. • When being transported tools will be in a secure container and stacked safely. • If available tools will have a guard attached to them. • Tools will be counted in and out. • Students will be reminded to how to carry tools safely, the Forest School leader will model how to carry the tool appropriately and safely. • If the weight of the box is unmanageable for one person to hold then two people must carry it or it must be transported on a trolley. 	1x3=3
Poor maintenance/lack of maintenance.	Injuries may occur due to broken or unsafe tools.	4x4=16	<ul style="list-style-type: none"> • All tools will be checked prior to being used. • If a tool is broken while being used the Forest School leader should be informed so the tool can be removed from circulation. Students will be reminded of this prior to usage. • Damaged tools will stored separately and marked with tape so it is clear they are not to be used. • Tools will be kept clean and dry after use. • The Forest School leader is responsible for maintaining tools in a good condition. 	1x3=3
<p>Belmont Academy have fully assessed the risks against the benefits of using billhooks in our sessions. We concluded that the benefits far outweigh the risks provided that all of the measures above are followed to ensure our very high safety standards. Billhooks are an excellent tool to use in all our woodcraft activities and in woodland management which we will be encouraging our students to get involved with if they like this aspect of Forest Schools.</p> <p>Please note Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.</p>				
Signed:		Position:		Date:

This assessment is reviewed annually unless an accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Knives potato peelers

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



New Skills, New Knowledge, Team work, Wood cutting and carving skills, Developing muscle strength (fine motor skills)
Creativity, Construction

Probability Score:

- 81. <5% chance that it will occur - very unlikely
- 82. 25% chance that it will occur
- 83. 50% chance that it will occur
- 84. 75% chance that it will occur
- 85. >95% chance that it will occur - very likely

Severity Score

- 81. Not serious - no first aid required
- 82. Minor Injury - requiring basic first aid
- 83. Injury - requiring non immediate professional medical attention
- 84. Serious injury/multiple injuries - requiring immediate medical attention
- 85. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between 1 & 25.
We will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Unsafe or incorrect use of tools	Injury to self or others	5x5=25	<ul style="list-style-type: none"> • A health and safety talk will be given prior to use of tools with visual checks ongoing throughout and reminders given when necessary. • Prior to any use of sharp tools, FSL will assess tool usage and student competence with the student using a potato peeler. 	2x5=10

			<ul style="list-style-type: none"> • Students will be shown safe positions to sit/stand and hold their body. • Students will be shown how to hold and use the knife safely and the object being cut. • Students will be shown how to stand safely while using the knife. • Students will only use a knife under the supervision of the Forest School leader if they are deemed to be ready. • Under no circumstances will students be allowed to use tools in an aggressive manner. This will be discussed in the introductory session so everybody is aware of this rule. • FSL has the right to refuse use of knife by student if deemed unsafe. • Potato peelers will not be used on wood. 	
Storage of tools during session	Cuts scrapes Serious injury	4x4=16	<ul style="list-style-type: none"> • During initial safety briefing how to store and carry tool will be instructed by FSL. • Knives will be stored on tool table when not in use with the sheath intact. • The knife will be transported with the sheath intact and held at students side in a fixed downward position not swung. • Once used it will be returned to the table carried in the correct position with sheath intact. 	
Slipping or falling	A fall may occur due to slippery, wet or uneven ground.	4x3=12	<ul style="list-style-type: none"> • Prior to each session the site will checked and hazards will be removed or noted. • During the health and safety briefing the students will be made aware of any hazards and asked to report any they may see during the activity so they may be dealt with. • Students will be advised to wear appropriate footwear (no open toed sandals or flip flops) • Gloves must not be worn while using the knife. 	1x3=3

PPE	Maybe unsuitably clothed for activity causing injury.	4x3=12	<ul style="list-style-type: none"> • Long hair should always be tied back. • Scarves should be removed or tucked securely in coat. • Jewellery such as necklaces, bracelets or dangling ear rings should not be worn/should be removed. • Appropriate footwear should always be worn. Students will be notified about this prior to the session. 	1x2=2
Accident/illness	May become ill or have an accident	3x4=12	<ul style="list-style-type: none"> • Within the Health and Safety briefing the students will be informed of action they should take if they feel ill or have an accident. • Maintain a fully stocked first aid kit on site at all times. • There will be a certified first aider on site at all times. • There will be an up to date log book to record any incidents/illnesses on site at all times. • Emergency contact details will be kept at the school office and contact will be made using the walkie talkie. • A charged walkie talkie will be with FSL. 	1x3=3
Storing tools and equipment	An accident may occur due to proximity to tool.	4x4=16	<ul style="list-style-type: none"> • All tools are to be stored securely when not being used. • The Forest School leader will have a key for the box. • When being transported tools will be in a secure container and stacked safely. • Knives will have a guard attached to them. • Tools will be counted in and out. • Students will be reminded to how to carry tools safely. • If the weight of the box is unmanageable for one person to hold then two people must carry it or it must be transported on a trolley. 	1x3=3

Poor maintenance/lack of maintenance.	Injuries may occur due to broken or unsafe tools.	4x4=16	<ul style="list-style-type: none"> • All tools will be checked prior to being used. • If a tool is broken while being used the Forest School leader should be informed so the tool can be removed from circulation. Students will be reminded of this prior to usage. • Damaged tools will stored separately and marked with tape so it is clear they are not to be used. • Tools will be kept clean and dry after use. • The Forest School leader is responsible for the maintenance of tools. 	1x3=3
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Belmont Academy have fully assessed the risks against the benefits of using knives in our sessions. We concluded that the benefits far outweigh the risks provided that all of the measures above are followed to ensure our very high safety standards.

Please note Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.

Signed:	Position:	Date:
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This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Mallet

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



New Skills, New Knowledge, Woodwork skills, Developing muscle strength, Creativity

Probability Score:

- 86. <5% chance that it will occur - very unlikely
- 87. 25% chance that it will occur
- 88. 50% chance that it will occur
- 89. 75% chance that it will occur
- 90. >95% chance that it will occur - very likely

Severity Score

- 86. Not serious - no first aid required
- 87. Minor Injury - requiring basic first aid
- 88. Injury - requiring non immediate professional medical attention
- 89. Serious injury/multiple injuries - requiring immediate medical attention
- 90. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between 1 & 25. We will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Unsafe or incorrect use of tools	Injury to self or others	4x5=20	<ul style="list-style-type: none"> • A health and safety talk will be given prior to use of tools with visual checks ongoing throughout and reminders given when necessary. • Prior to any use of sharp tools, FSL will assess tool usage and student competence with the student using a potato peeler. • Students will be shown safe positions to sit/stand and hold their body. • Students will be shown how to hold and use the mallet/hammer safely and the object being hit. 	2x5=10

			<ul style="list-style-type: none"> • Students will be shown how to stand safely while using the mallet/hammer. • Students will only use a mallet/hammer under the supervision of the Forest School leader if they are deemed to be ready. • Under no circumstances will students be allowed to use tools in an aggressive manner. This will be discussed in the introductory session so everybody is aware of this rule. 	
Slipping or falling	A fall may occur due to slippery, wet or uneven ground.	4x3=12	<ul style="list-style-type: none"> • Prior to each session the site will checked and hazards will be removed or noted. • During the health and safety briefing the students will be made aware of any hazards and asked to report any they may see during the activity so they may be dealt with. • Students will be advised to wear appropriate footwear (no open toed sandals or flip flops) • The Forest School leader may suggest that students work in pairs to limit accidents. • When hitting wood an appropriate tool bench or block placed on flat ground should be used. 	1x3=3
PPE	Maybe unsuitably clothed for activity causing injury.	4x3=12	<ul style="list-style-type: none"> • Long hair should always be tied back. • Scarves should be removed or tucked securely in coat. • Jewellery such as necklaces, bracelets or dangling ear rings should not be worn/should be removed. • Appropriate footwear should always be worn. students will be notified about this prior to the session. 	1x2=2
Accident/illness	May become ill or have an accident	3x3=9	<ul style="list-style-type: none"> • Within the Health and Safety briefing the students will be informed of action they should take if they feel ill or have an accident. • Maintain a fully stocked first aid kit on site at all times. • There will be a certified first aider on site at all times. • There will be an up to date log book to record any incidents/illnesses on site at all times. • Emergency contact details will be kept in the school office and contact will be made using a walkie talkie. • A charged walkie talkie will be kept available on site. 	1x3=3

Storing tools and equipment	An accident may occur due to proximity to tool.	4x4=16	<ul style="list-style-type: none"> All tools are to be stored securely when not being used. The Forest School leader will have a key for the box. When being transported tools will be in a secure container and stacked safely. If available tools will have a guard attached to them. Tools will be counted in and out. Students will be reminded to how to carry tools safely. If the weight of the box is unmanageable for one person to hold then two people must carry it or it must be transported on a trolley. 	1x3=3
Poor maintenance/lack of maintenance.	Injuries may occur due to broken or unsafe tools.	4x4=16	<ul style="list-style-type: none"> All tools will be checked prior to being used. If a tool is broken while being used the Forest School leader should be informed so the tool can be removed from circulation. Students will be reminded of this prior to usage. Damaged tools will stored separately. Tools will be kept cleaned and dried after used. The Forest School leader is responsible ensuring tools are kept in good condition. 	1x3=3
Please note Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.				
Signed:		Position:		Date:

This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Palm Drill

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



New Skills, New Knowledge, Woodwork skills, Developing muscle strength, Creativity

Probability Score:

- 91. <5% chance that it will occur - very unlikely
- 92. 25% chance that it will occur
- 93. 50% chance that it will occur
- 94. 75% chance that it will occur
- 95. >95% chance that it will occur - very likely

Severity Score

- 91. Not serious - no first aid required
- 92. Minor Injury - requiring basic first aid
- 93. Injury - requiring non immediate professional medical attention
- 94. Serious injury/multiple injuries - requiring immediate medical attention
- 95. Major accident - multiple injuries or fatality

Calculate the risk levels:

The rating is calculated from the probability multiplied by the severity which will give a rating between 1 & 25. We will not be carrying out any activities deemed to have a **revised rating of over 12** as they are deemed too dangerous even with control measures in place.

Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Unsafe or incorrect use of tools	Injury to self or others	5x5=25	<ul style="list-style-type: none"> • A health and safety talk will be given prior to use of tools with visual checks ongoing throughout and reminders given when necessary. • Students will be shown safe positions to sit/stand and hold their body. 	2x5=10

			<ul style="list-style-type: none"> • Students will be shown how to hold and use the palm drill safely and the object being drilled. • Students will be shown how to stand/sit safely while using the palm drill. Students will only use a palm drill under the supervision of the Forest School leader if they are deemed to be ready. • Under no circumstances will students be allowed to use tools in an aggressive manner. This will be discussed in the introductory session so everybody is aware of this rule. 	
Slipping or falling	A fall may occur due to slippery, wet or uneven ground.	4x3=12	<ul style="list-style-type: none"> • Prior to each session the site will be checked and hazards will be removed or noted. • During the health and safety briefing the students will be made aware of any hazards and asked to report any they may see during the activity so they may be dealt with. • Students will be advised to wear appropriate footwear (no open toed sandals or flip flops) 	1x3=3
PPE	Maybe unsuitably clothed for activity causing injury.	4x3=12	<ul style="list-style-type: none"> • Long hair should always be tied back. • Scarves should be removed or tucked securely in coat. • Jewellery such as necklaces, bracelets or dangling ear rings should not be worn/should be removed. • Appropriate footwear should always be worn. Students will be notified about this prior to the session. 	1x2=2

Accident/illness	May become ill or have an accident	3x3=9	<ul style="list-style-type: none"> • Within the Health and Safety briefing the students will be informed of action they should take if they feel ill or have an accident. • Maintain a fully stocked first aid kit on site at all times. • There will be a certified first aider on site at all times. • There will be an up to date log book to record any incidents/illnesses on site at all times. • Emergency contact details will be kept in the school office and contact will be made using the walkie talkie. • A charged walkie talkie will be kept available on site. 	1x3=3
Storing tools and equipment	An accident may occur due to proximity to tool.	4x4=16	<ul style="list-style-type: none"> • All tools are to be stored securely when not being used. • The Forest School leader will have a key for the box. • When being transported tools will be in a secure container and stacked safely. • If available tools will have a guard attached to them. • Tools will be counted in and out. • Students will be reminded to how to carry tools safely. • If the weight of the box is unmanageable for one person to hold then two people must carry it or it must be transported on a trolley. 	1x3=3

Poor maintenance/lack of maintenance.	Injuries may occur due to broken or unsafe tools.	4x4=16	<ul style="list-style-type: none"> • All tools will be checked prior to being used. • If a tool is broken while being used the Forest School leader should be informed so the tool can be removed from circulation. Students will be reminded of this prior to usage. • Damaged tools will stored separately. • Tools will be kept clean and dry after use. • The Forest School leader is responsible the good maintenance of the tools. 	1x3=3
Please note Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world.				

Signed:	Position:	Date:
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This assessment is reviewed annually unless accident/incident occurs requiring immediate review.

Risk Assessment for the following experience: Gardening Tools

To be read in conjunction with other related risk assessments & policies/procedures.

NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme

Name of person compiling this risk benefit assessment: Jo Richardson

Please state the benefits to the children of offering this experience?



New Skills, New Knowledge, Team work, Cutting skills, Developing muscle strength, Develops confidence using tool, Cultivation skills

<p>Probability Score:</p> <p>96. <5% chance that it will occur - very unlikely</p> <p>97. 25% chance that it will occur</p> <p>98. 50% chance that it will occur</p> <p>99. 75% chance that it will occur</p> <p>100.>95% chance that it will occur - very likely</p>	<p>Severity Score</p> <p>96. Not serious - no first aid required</p> <p>97. Minor Injury - requiring basic first aid</p> <p>98. Injury - requiring non immediate professional medical attention</p> <p>99. Serious injury/multiple injuries - requiring immediate medical attention</p> <p>100. Major accident - multiple injuries or fatality</p>	<p>Calculate the risk levels:</p> <p>The rating is calculated from the probability multiplied by the severity which will give a rating between 1 & 25. We will not be carrying out any activities deemed to have a revised rating of over 12 as they are deemed too dangerous even with control measures in place.</p>
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Hazard	Harm	Risk Rating prior to control measures (Probability x Severity =)	Control measures to reduce the risk and actioned by whom?	Revised Risk Rating (Probability x Severity =)
Unsafe or incorrect use of tools	Injury to self or others	5x5=25	<ul style="list-style-type: none"> A health and safety talk will be given prior to use of tools with visual checks ongoing throughout and reminders given when necessary. 	2x5=10

			<ul style="list-style-type: none"> • Students will be shown safe positions to sit/stand and hold their body. • Students will be shown how to hold/use the tool safely and the object being cut. • Students will be shown how to stand safely while using the tool. • Students will only use a gardening tool under the supervision of the Forest School leader if they are deemed to be ready. • Under no circumstances will students be allowed to use tools in an aggressive manner. This will be discussed in the introduction session so everybody is aware of this rule. 	
Slipping or falling	A fall may occur due to slippery, wet or uneven ground.	4x3=12	<ul style="list-style-type: none"> • Prior to each session the site will be checked and hazards will be removed or noted. • During the health and safety briefing the students will be made aware of any hazards and asked to report any they may see during the activity so they may be dealt with. • Students will be advised to wear appropriate footwear (no open toed sandals or flip flops) • The Forest School leader will suggest that students work in pairs to limit accidents. 	1x3=3
PPE	Maybe unsuitably clothed for activity causing injury.	4x3=12	<ul style="list-style-type: none"> • Long hair should always be tied back. • Scarves should be removed or tucked securely in coat. • Jewellery such as necklaces, bracelets or dangling ear rings should not be worn/should be removed. • Appropriate footwear should always be worn. Students will be notified about this prior to the session. 	1x2=2
Accident/illness	May become ill or have an accident	3x3=9	<ul style="list-style-type: none"> • Within the Health and Safety briefing the students will be informed of action they should take if they feel ill or have an accident. • Maintain a fully stocked first aid kit on site at all times. • There will be a certified first aider on site at all times. 	1x3=3

			<ul style="list-style-type: none"> • There will be an up to date log book to record any incidents/illnesses on site at all times. • Emergency contact details will be kept in the school office and contact will be made with the use of a walkie talkie. • A charged walkie talkie will be kept available on site. 	
Storing tools and equipment	An accident may occur due to proximity to tool.	4x4=16	<ul style="list-style-type: none"> • All tools are to be stored securely when not being used. • When being transported tools will be in a secure container and stacked safely. • The Forest School leader will have a key for the box. • If available tools will have a guard attached to them. • Tools will be counted in and out. • Students will be reminded to how to carry tools safely, Forest School leader will model how to carry tool appropriately. • If the weight of the box is unmanageable for one person to hold then two people must carry it or it must be transported on a trolley. 	1x3=3
Poor maintenance/lack of maintenance.	Injuries may occur due to broken or unsafe tools.	4x4=16	<ul style="list-style-type: none"> • All tools will be checked prior to being used. • If a tool is broken while being used the Forest School leader should be informed so the tool can be removed from circulation. Students will be reminded of this prior to usage. • Damaged tools will stored separately and marked by tape so it is clear they are not to be used. • Tools will be kept clean and dry after use. • The Forest School leader is responsible the maintenance of tools. 	1x3=3
Please note Belmont Academy operate under a dynamic risk assessing process which is the continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing environment of the natural world				
Signed:			Position:	Date:

This assessment is reviewed annually unless an accident/incident occurs requiring immediate review