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| **To be read in conjunction with other risk generic assessments ie Medical, First Aid, Health And Safety, Accident And Emergency** **NB: It is accepted that this risk benefit assessment is applicable to everyone attending the programme** |
| **Name of person compiling this risk benefit assessment: Nichola Costello** |
| **Experience offered : Camp Fire** |
| **Risk Benefit: Please state the benefits to the children of offering this experience?****Freedom, play, natural setting, self-awareness, safety – taking risks, teamwork, respect, warmth, light, attentiveness, using and identifying material, tool use, self-esteem, emotional development, problem solving, safety – procedures and routine** |
| **Probability Score:**1. <5% chance that it will occur – very unlikely
2. 25% chance that it will occur
3. 50% chance that it will occur
4. 75% chance that it will occur
5. >95% chance that it will occur – very likely
 | **Severity Score**1. Not serious – no first aid required
2. Minor Injury – requiring basic first aid
3. Injury – requiring non immediate professional medical attention
4. Serious injury/multiple injuries – requiring immediate medical attention
5. 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**  | **Control measures to reduce the risk and actioned by whom?** | **Revised Risk Rating**  |
| location - coniferousConiferous woods contain pitch which is flammable  | BurnsCuts Forest fire  | 2 x 510 | * Coniferous wood – clear area of leaf litter and any debris
* Place a fire bowl in the middle
* Establish a boundary 2m from pit – all the way around
 | 1 x 55 |
| Location – bed rock / soil type  | Cuts Major injuries Burns  | 2 x 5 10 | Identify bedrock/ soil type and take appropriate action1. Establish a permanent fire pit* Dig out a shallow area
* Lay sharp sand
* Lay fire bricks
* Place granite or oak around the fire pit
* Establish a boundary 2m from fire pit

2. Use a fire bowl and use the steps identified for coniferous woodland | 1 x 5 5 |
| Location – moss/ grass | Environmental damage  | 2 x 1 2 | * Using a spade remove the sod
* Lay fire bowl directly on top
* Extinguish the fire at the end
* Place sod back whence it came
 | 1 x 1 1 |
| Lighting fire  | Burns  | 4 x 4 16 | * Respect position
* Form a stable platform using small sticks
* Decide upon formation: waffle, Siberian, teepee
* Ignite tinder
* Feed fire using small dead wood kindling
* Be aware of fire triangle
* Children to be supervised (only 2 at any one time)
 | 1 x 44 |
| Fire strikers | Burns / scalds | 4 x 312 | * Fire strikers to be locked up in a sealed metal container: counted in and out
* Review procedures for lighting a life
* Strikers returned when fire lit.
 | 1 x 3 3 |
| Smoke inhalation | Choking /Asphyxiation  | 3 x 2 6 | * Check wind direction
* Encourage children to move out of the way of smoke
* Don’t use woods that smoke heavily
* Don’t use woods such as laurel which are toxic
 | 1 x 2 2 |
| Slips, trips and falls | BurnsBroken bones Head injuries | 4 x 4 16 | * Ensure children are wearing appropriate footwear
* Remind chn of conduct around the fire pit – 2 at a time; respect position; do not cross the fire pit
* Table cloth!
 | 1 x 44 |
| Out of control fire – weather  | BurnsEnvironmental damage  | 4 x 520 | Consider: Weather, construction and placement of fire. * Oxygen is fuel to fire – consider Siberian construction
* Wind behind human, blowing towards construction
* Keep fire small and manageable
* Over Beaufort scale 4 – shouldn’t be in the woods
* Do not site close to trees / shrubs or other plants
* Spare wood kept a safe distance away from fire
* Bucket of water stored near pit
 | 1 x 5 5 |
| Lack of supervision | Burns serious injury. Cuts/ lacerations.Lack of skill in the user.Inadequate staffing ratios leading to missingchildren or misuse ofequipment. | 4 x 5 20 | * Chn to be reminded of procedures:
* 2 at a time
* Respect position
* Do not cross the fire pit
* Behaviour expectations
* Children to have safety talk before entering the fire site
* Ensure site of fire is appropriate, taking careful considerations of wind direction.
* Ensure appropriate ratio of staff to children.
* Ensure staff is experienced in this area of activity.
 | 1 x 55 |
| Clothing  | Burns  | 4 x 4 16 | * Leader should ask that children with long hair tie it back.
* Ensure children are wearing appropriate clothing with coats zipped up to protect against the cold.
* Loose clothing tucked away and scarves removed, tucked in
 | 1 x 44 |
| Emergency procedures  | BurnLacerationsDeath | 4 x 5 20 | * Ensure supply of wet-wipes and sanitiser.
* Appropriate staff to children ratios.
* Fire equipment to be easily accessed e.g. bucket of water nearby.
* Leader must have an up to date first aid qualification & first aid equipment within easy reach.
* Leader must have a charged mobile phone and the medical & emergency contact details of all present to be carried as standard.
* Have site details ready for emergency services to enable reaching site in an emergency
 | 1 x 5 5 |
| Extinguishing the fire | Burns  | 3 x 4 12 | * Leaders must ensure that group is a safe distance away before attempting to put out the fire.
* The fire should be extinguished until all the embers have stopped glowing.
* Rack over
* leave no trace – remove/ bury and cover
* or rack up and address during the next session
 | 1 x 33 |
| Any further information which needs to be noted: |

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| Signed: | Position: | Date: |

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