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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 - coniferous  Coniferous woods contain pitch which is flammable | Burns  Cuts  Forest fire | 2 x 5  10 | * 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 5  5 |
| Location – bed rock / soil type | Cuts  Major injuries  Burns | 2 x 5  10 | Identify bedrock/ soil type and take appropriate action  1. 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 4  4 |
| Fire strikers | Burns / scalds | 4 x 3  12 | * 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 | Burns  Broken 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 4  4 |
| Out of control fire – weather | Burns  Environmental damage | 4 x 5  20 | 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 missing  children or misuse of  equipment. | 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 5  5 |
| 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 4  4 |
| Emergency procedures | Burn  Lacerations  Death | 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 3  3 |
| 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.