



Generic Activity: Main Fire

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Next Assessment due: Feb 2018

Benefits of the Activity					
<ul style="list-style-type: none"> • Keep the group warm • Sterilises water for hot drinks • Teaches responsibility and a sense of achievement • Gives the group a focal point • Life Skill development • Materials transformation understanding the science of fire • Knowledge development – what burns and doesn't burn 					
To whom does this apply to: Young people/adults					
Hazard e.g sharp knife & Risk e.g cutting/wound	Likelihood	Hazard Severity	Risk factor	Control measures to reduce the risk	Residual risk
Burns from flames and embers	3	4	12	Seating arranged at safe distance from main fire (1.5 metres). Ensure students are told not to throw wood etc. into the fire. Ensure students do not hold stick ends in the fire. Hair kept in bunch if necessary. At least one adult supervising fire, while group is present. At least one bucket of water more if there is no tap nearby. Group to walk around the outside of the fire and not walk across the main fire circle. Adults to model this.	8
Burns and scalds from hot cooking equipment, boiled water etc.	3	3	9	Ensure 'crowding' does not occur by keeping students using the fire to a safe number. Appropriate number ratio for fire activity. Make sure toast/dampersticks are of adequate length, green non-toxic wood. Provide fire gloves for handling hot pans/kettle. Keep water and fire blanket, Fire gloves & First Aid in an obvious and clear spot.	6



Smoke inhalation	4	4	16	Make students aware that they may move out of the line of smoke if necessary. Keep smoky side of the fire clear. Avoid using wet/green wood or leaves.	4
Forest fire	1	4	4	Always have water near fire to douse the ground and pour over the fire at the end of the session. Keep water and fire blanket, Fire gloves & First Aid in an obvious and clear spot.	4

Risk Assessment scoring- Scores of 8 and above cease activity or reassess the control measures

Likelihood		Hazard severity		Risk Factor (likelihood x hazard severity)	
1	Very unlikely	1	Minor injury, scratches, bruises, burns etc.	1-3	Low
2	Unlikely	2	Moderate injury, cuts, grazing, burns etc.	4-7	Moderate
3	Likely	3	Serious- Person requires hospital treatment or time of school/work	8-12	High
4	Very likely	4	Significant, risk of death or loss of limbs/ eyesight etc.	13-16	Very High