



Generic Activity: using Fire Steels

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Date : Feb 2021

Next Assessment due: Feb 2022

Benefits of the Activity

- Teaches responsibility and a sense of achievement
- Life Skill development
- Materials transformation - understanding the science of fire
- Knowledge development – what burns and doesn't burn
- Relatively safe tool to use with all ages

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 sparks or lit tinder	3	3	9	Clear instructions given on safe use. Strike away from body and facing upwind to prevent burns from ignition of tinder Only to be used on flammable materials as per instruction from leader. Avoid use near highly flammable gases/liquid	4
Breakage/ damage of tool	2	1	2	Regular inspection of steel All issues reported and noted immediately	1
Unsuitable clothing i.e. dangling	2	3	6	Suitable clothing to be worn for activity with no dangling fabric or jewellery. Keep long hair tied back or tucked in	3

Additional measures:

- See full Fire RBA
- Session run by competent instructor
- 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.

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