

## COPTHORNE CE JUNIOR SCHOOL – TOOL RISK ASSESSMENT FORM

### FIRE STEEL (Flint and Steel)

#### SAFE WORKING USE / POSITION:

- Long hair to be tied back before using tool
- Loose clothing (e.g. overlong sleeves) to be folded back
- Place tinder on non-flammable surface, or securely on top of fire stack if lighting fire directly
- Striking action should be away from the body and upwind of tinder to prevent burns from lighted tinder
- Only use tinder as approved by group leader



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### FIRE STEEL (Flint and Steel)

| <b>Assessed by:</b> Jeff Turner                     |                          |                 |             | <b>Date:</b> September 2020<br><b>Next Assessment Due:</b> Sept. 2021                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                              |                     |                 |
|-----------------------------------------------------|--------------------------|-----------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------|-----------------|
| Type of Hazard                                      | Likelihood of Occurrence | Hazard Severity | Risk Factor | Action to be taken to reduce risk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | New Likelihood of Occurrence | New Hazard Severity | New Risk Factor |
| Spark injury sustained during transport             | 2                        | 1               | 2           | Fire steels to be kept in bag or box until required for use                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                            | 1                   | 1               |
| Discomfort arising from intrusion of physical space | 2                        | 2               | 4           | Leaders and volunteers should leave children to create sparks on their own.<br>Demonstration only.                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                            | 2                   | 2               |
| Spark or burn injury during use                     | 2                        | 2               | 4           | Place tinder on non-flammable surface, or securely on top of fire stack if lighting fire directly.<br>Striking action should be away from the body and upwind of tinder to prevent burns from lighted tinder.<br>Only use tinder as approved by group leader.<br><u>For some children, it may be advised to:</u><br>1:1 trained person and child.<br>Char cloth or cotton wool on non-flammable surface secured by stick.<br>Tinder added to fire by trained person only.<br>No children or other adults in fire circle. | 1                            | 2                   | 2               |
| Cut or other injury from damaged tool               | 2                        | 1               | 2           | Group leader to assess working condition on a regular basis.<br>Any damaged tool to be discarded                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                            | 1                   | 1               |
| Burns sustained to clothing or hair during use      | 2                        | 3               | 6           | Long hair to be tied back before using tool.<br>Loose clothing e.g. overlong sleeves to be folded back.                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                            | 3                   | 3               |

**No activity may be carried out where there is an individual Risk Factor of 10 or above.**